

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018389.D
 Acq On : 28 May 2024 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 29 01:23:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	114679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	213489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	194738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66869	61.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.100%	
35) Dibromofluoromethane	7.704	113	67720	54.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.800%	
50) Toluene-d8	10.173	98	275592	56.778	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.560%	
62) 4-Bromofluorobenzene	12.477	95	86324	57.557	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	43500	44.442	ug/l	98
3) Chloromethane	2.107	50	87322	54.897	ug/l	98
4) Vinyl Chloride	2.241	62	106733	59.980	ug/l	98
5) Bromomethane	2.637	94	70925	55.747	ug/l	96
6) Chloroethane	2.778	64	69057	59.783	ug/l	96
7) Trichlorofluoromethane	3.107	101	109010	54.587	ug/l	96
8) Diethyl Ether	3.515	74	34267	53.739	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	62182	50.472	ug/l	93
10) Methyl Iodide	4.070	142	66529	53.696	ug/l	96
11) Tert butyl alcohol	4.930	59	27268	277.861	ug/l	# 80
12) 1,1-Dichloroethene	3.857	96	63298	52.166	ug/l	99
13) Acrolein	3.710	56	18485	203.112	ug/l	99
14) Allyl chloride	4.460	41	97220	57.368	ug/l	94
15) Acrylonitrile	5.143	53	77612	281.402	ug/l	98
16) Acetone	3.930	43	56647	253.494	ug/l	93
17) Carbon Disulfide	4.180	76	186671	55.091	ug/l	100
18) Methyl Acetate	4.466	43	33244	56.127	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	160428	55.138	ug/l	97
20) Methylene Chloride	4.698	84	79968	63.453	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	68954	53.868	ug/l	98
22) Diisopropyl ether	6.106	45	216114	61.367	ug/l	93
23) Vinyl Acetate	6.045	43	673685	298.754	ug/l	97
24) 1,1-Dichloroethane	6.003	63	124833	57.800	ug/l	98
25) 2-Butanone	6.972	43	98827	279.076	ug/l	89
26) 2,2-Dichloropropane	6.966	77	97958	52.469	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	82655	54.951	ug/l	94
28) Bromochloromethane	7.326	49	46282	63.096	ug/l	81
29) Tetrahydrofuran	7.332	42	69277	297.217	ug/l	86
30) Chloroform	7.496	83	126099	57.283	ug/l	99
31) Cyclohexane	7.777	56	110258	58.023	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	106164	54.945	ug/l	97
36) 1,1-Dichloropropene	7.905	75	94323	52.243	ug/l	96
37) Ethyl Acetate	7.057	43	46869	54.266	ug/l	95
38) Carbon Tetrachloride	7.893	117	89832	48.579	ug/l	98
39) Methylcyclohexane	9.179	83	120326	47.775	ug/l	97
40) Benzene	8.149	78	293093	53.252	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	61084	141.685	ug/l #	25
42) 1,2-Dichloroethane	8.228	62	70756	53.444	ug/l	98
43) Isopropyl Acetate	8.265	43	91161	54.096	ug/l	93
44) Trichloroethene	8.929	130	70212	49.768	ug/l	98
45) 1,2-Dichloropropane	9.209	63	68140	55.045	ug/l	95
46) Dibromomethane	9.295	93	37304	51.356	ug/l	92
47) Bromodichloromethane	9.490	83	93561	53.075	ug/l	97
48) Methyl methacrylate	9.289	41	39242	51.480	ug/l	92
49) 1,4-Dioxane	9.295	88	9823	1042.300	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	236236	277.767	ug/l	94
52) Toluene	10.240	92	183255	53.114	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	88773	55.081	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	104617	52.975	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52146	54.188	ug/l	98
56) Ethyl methacrylate	10.502	69	76313	57.814	ug/l	90
57) 1,3-Dichloropropane	10.782	76	90138	55.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	177811	298.123	ug/l	96
59) 2-Hexanone	10.825	43	158572	270.965	ug/l	93
60) Dibromochloromethane	10.977	129	60915	52.407	ug/l	99
61) 1,2-Dibromoethane	11.081	107	48233	54.320	ug/l	99
64) Tetrachloroethene	10.715	164	62304	45.101	ug/l	96
65) Chlorobenzene	11.508	112	194391	48.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	62943	49.459	ug/l	99
67) Ethyl Benzene	11.587	91	357267	50.571	ug/l	99
68) m/p-Xylenes	11.697	106	267708	98.486	ug/l	100
69) o-Xylene	12.026	106	126405	49.276	ug/l	97
70) Styrene	12.038	104	213922	50.448	ug/l	99
71) Bromoform	12.203	173	33178	49.289	ug/l #	99
73) Isopropylbenzene	12.325	105	327057	47.483	ug/l	99
74) N-amyl acetate	12.142	43	75199	46.794	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	57358	48.871	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	70161	89.077	ug/l #	100
77) Bromobenzene	12.605	156	72072	47.774	ug/l	98
78) n-propylbenzene	12.666	91	379351	45.997	ug/l	99
79) 2-Chlorotoluene	12.752	91	209373	46.891	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	254528	47.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	17885	46.720	ug/l	97
82) 4-Chlorotoluene	12.849	91	209445	46.264	ug/l	98
83) tert-Butylbenzene	13.069	119	228162	45.602	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	251859	47.313	ug/l	99
85) sec-Butylbenzene	13.251	105	336438	45.467	ug/l	99
86) p-Isopropyltoluene	13.367	119	282545	46.681	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	141817	47.739	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	139527	47.190	ug/l	97
89) n-Butylbenzene	13.690	91	259117	45.556	ug/l	99
90) Hexachloroethane	13.959	117	52177	46.682	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	123023	47.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7658	47.572	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	67029	45.652	ug/l	98
94) Hexachlorobutadiene	15.111	225	34370	45.742	ug/l	98
95) Naphthalene	15.233	128	137912	47.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55470	44.436	ug/l	97

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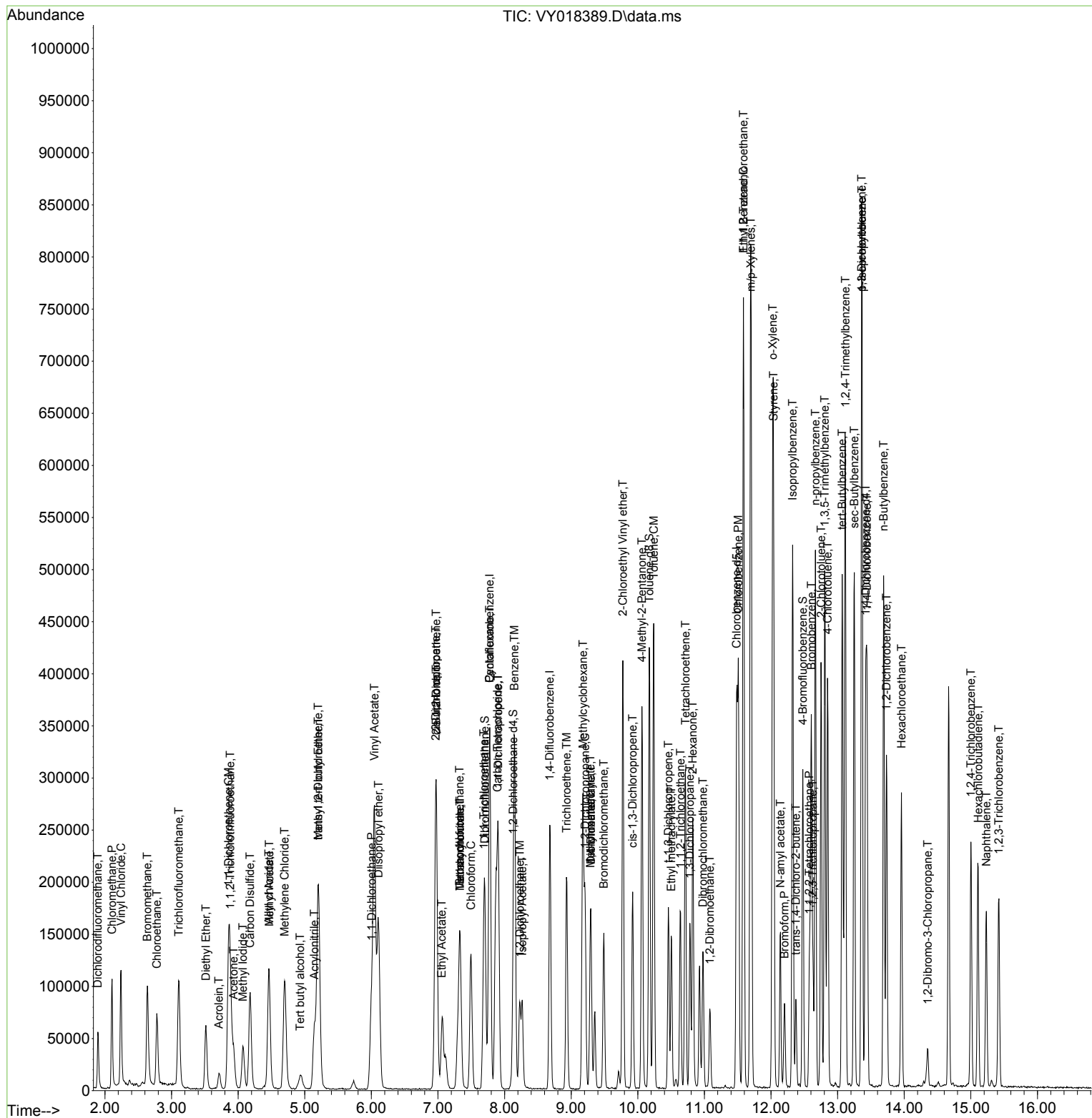
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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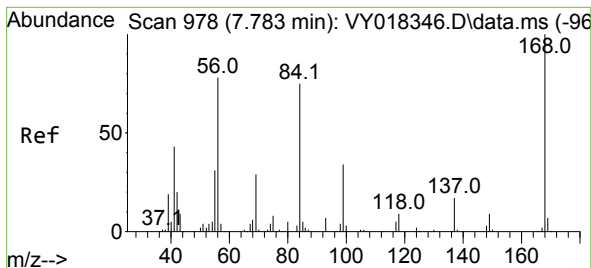
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:168 Resp: 114679

Ion Ratio Lower Upper

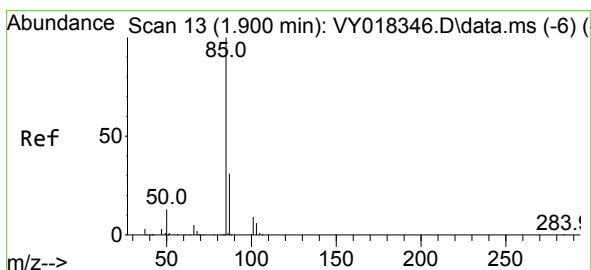
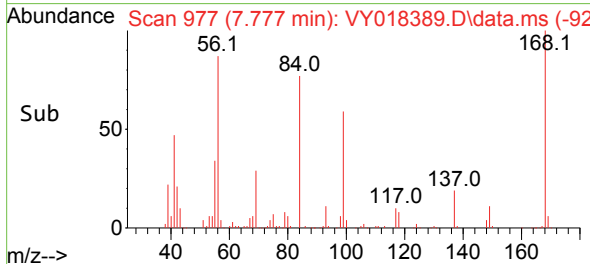
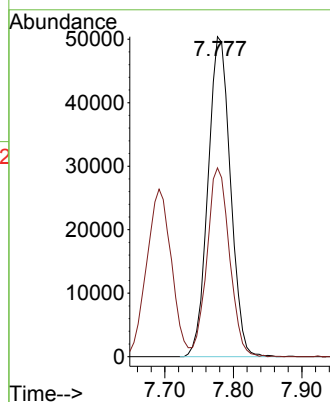
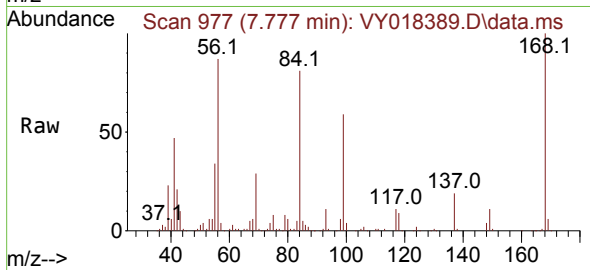
168 100

99

58.9

39.1

58.7#



#2

Dichlorodifluoromethane

Concen: 44.442 ug/l

RT: 1.894 min Scan# 12

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Tgt Ion: 85 Resp: 43500

Ion Ratio Lower Upper

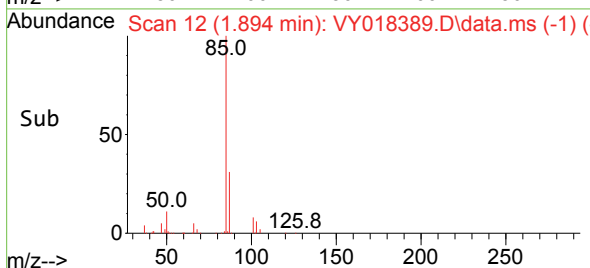
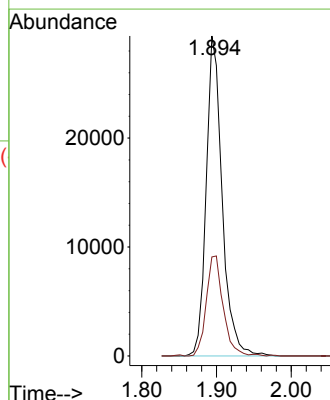
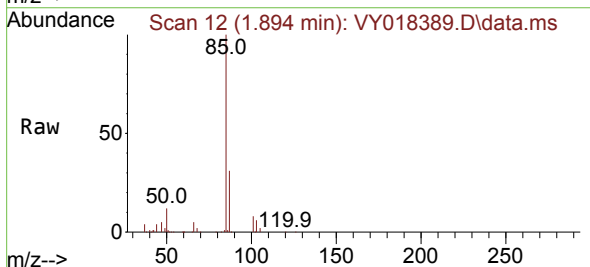
85 100

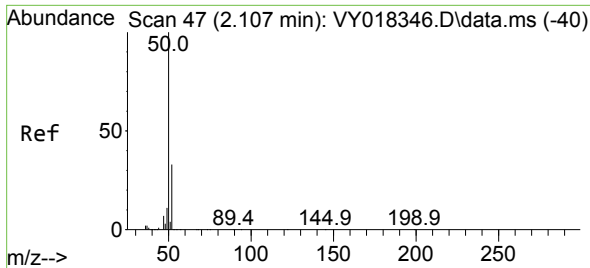
87

30.9

16.0

48.0

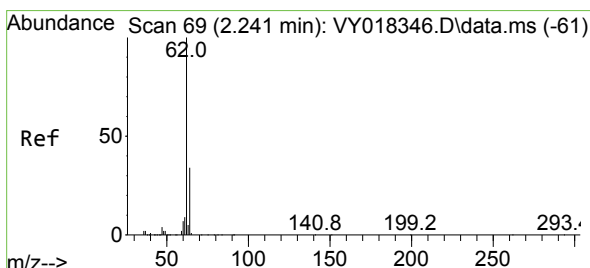
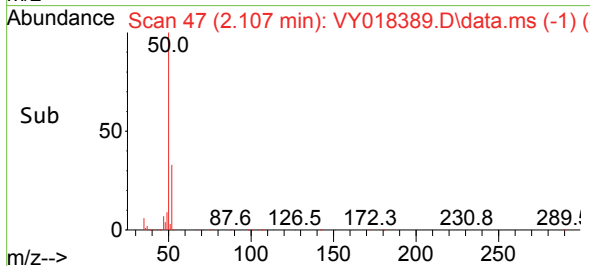
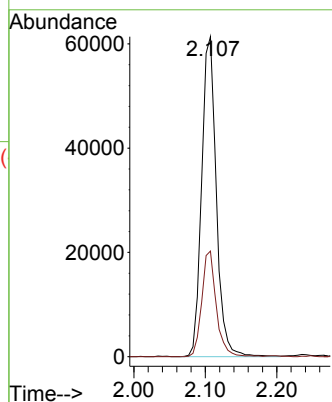
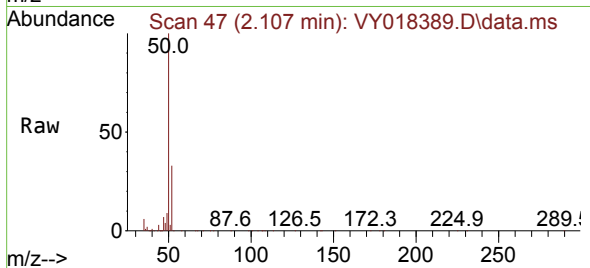




#3
Chloromethane
Concen: 54.897 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

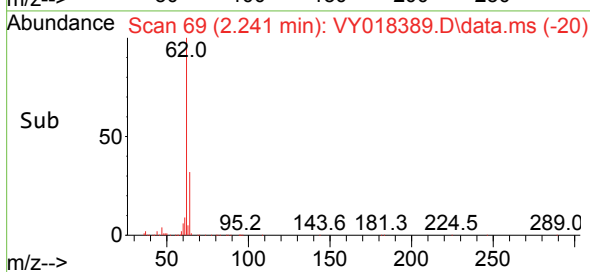
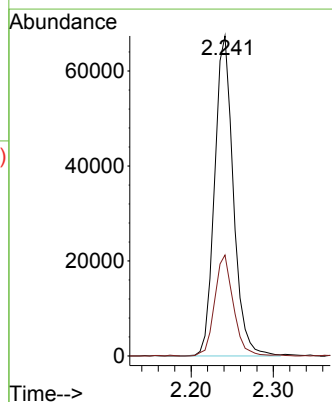
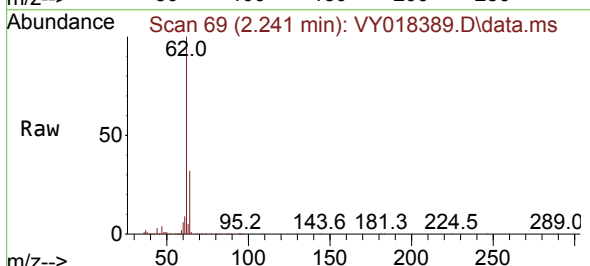
Instrument :
MSVOA_Y
ClientSampleId :

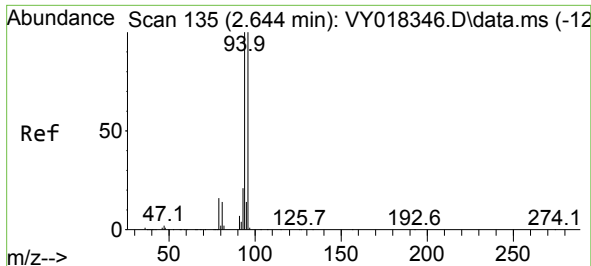
Tgt Ion: 50 Resp: 87322
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 59.980 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

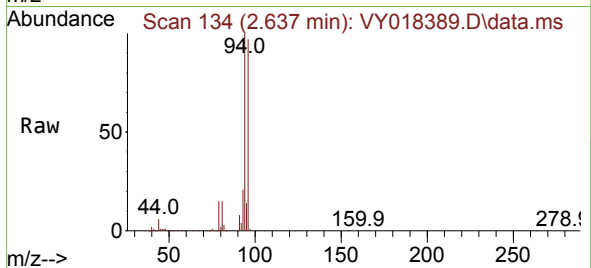
Tgt Ion: 62 Resp: 106733
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1



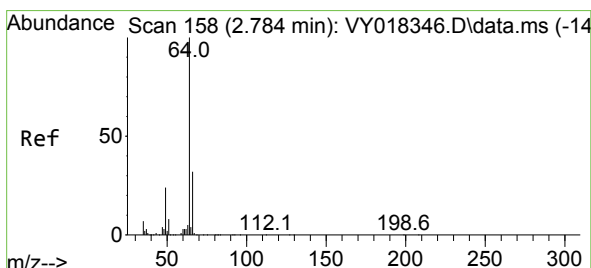
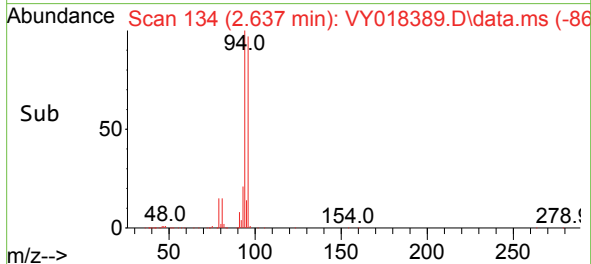
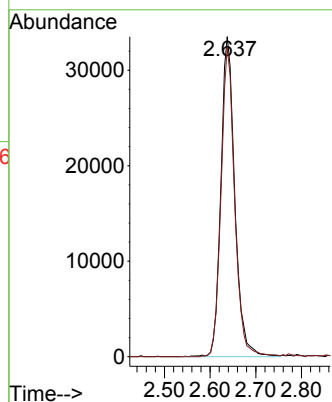


#5
Bromomethane
Concen: 55.747 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
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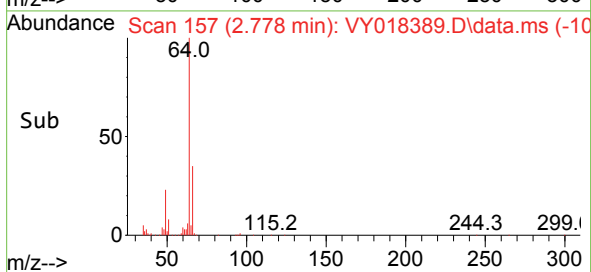
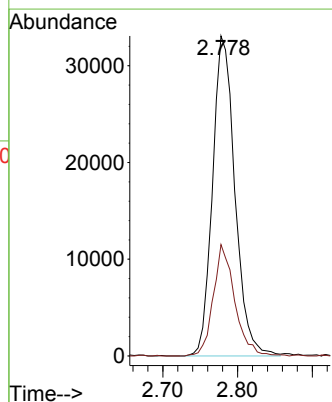
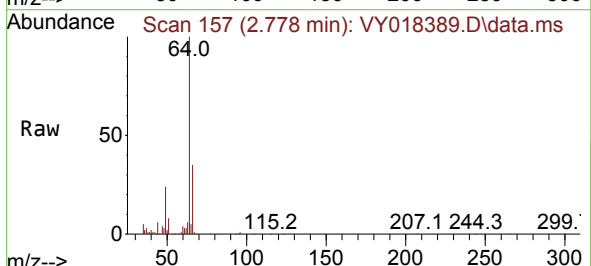


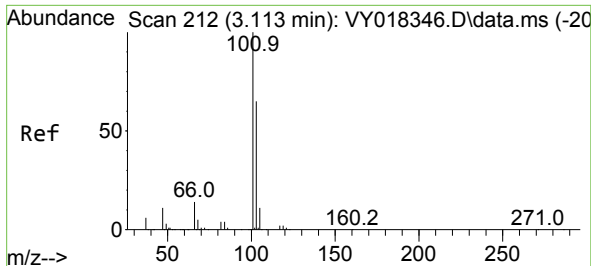
Tgt Ion: 94 Resp: 70925
Ion Ratio Lower Upper
94 100
96 96.6 74.1 111.1



#6
Chloroethane
Concen: 59.783 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 64 Resp: 69057
Ion Ratio Lower Upper
64 100
66 34.8 26.1 39.1

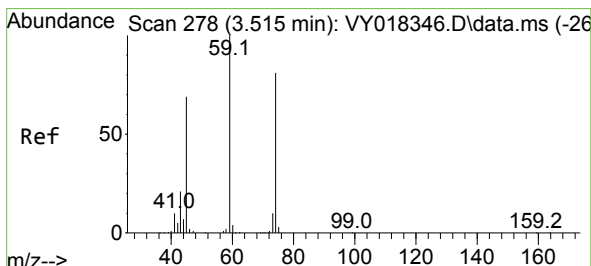
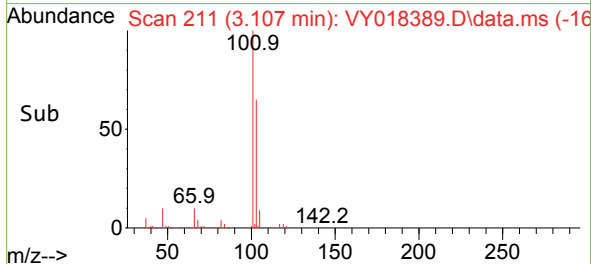
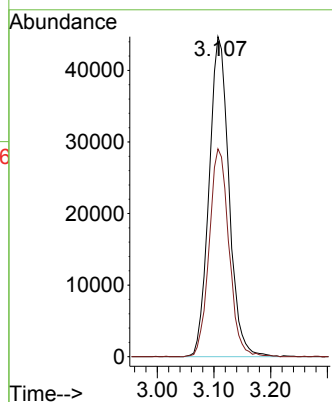
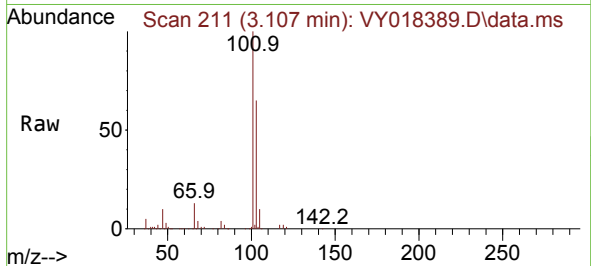




#7
Trichlorofluoromethane
Concen: 54.587 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

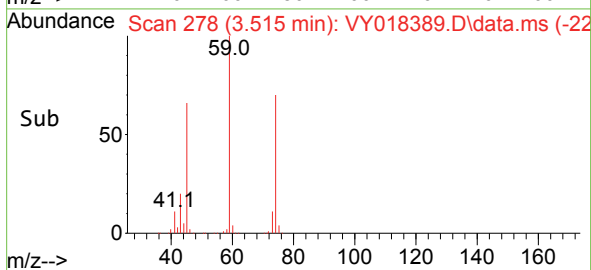
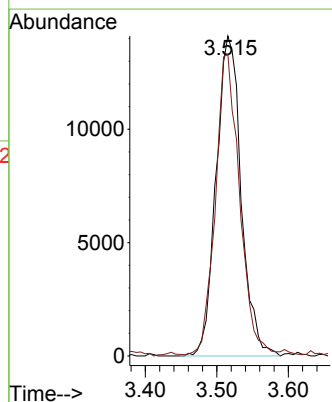
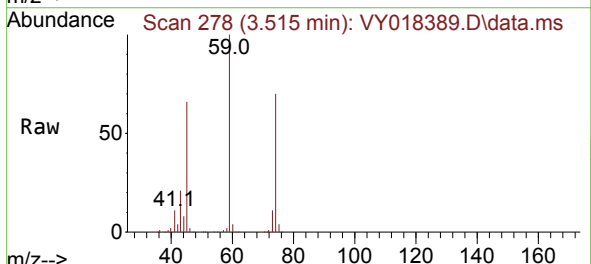
Instrument :
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ClientSampleId :

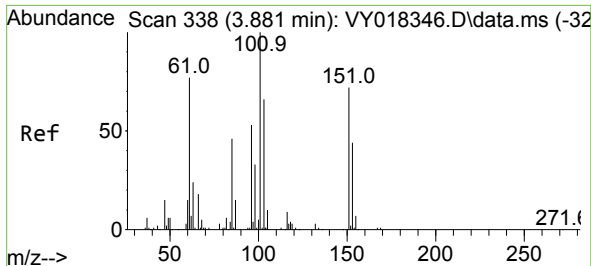
Tgt Ion:101 Resp: 109010
Ion Ratio Lower Upper
101 100
103 64.9 49.3 73.9



#8
Diethyl Ether
Concen: 53.739 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 74 Resp: 34267
Ion Ratio Lower Upper
74 100
45 90.4 41.3 124.1

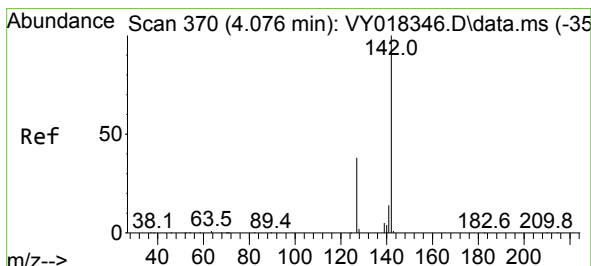
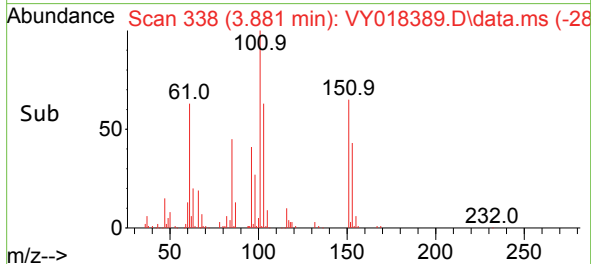
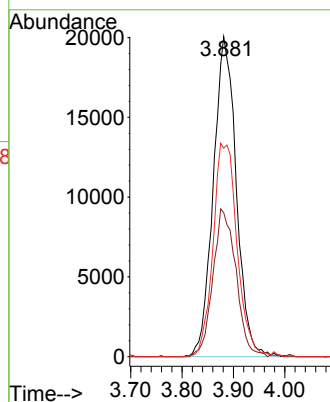
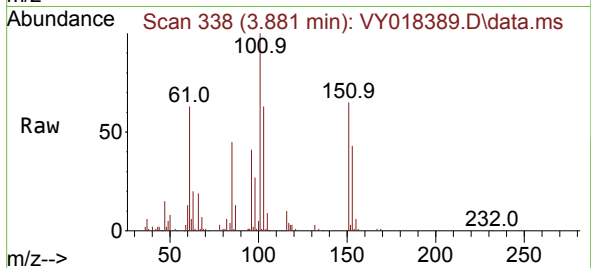




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.472 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

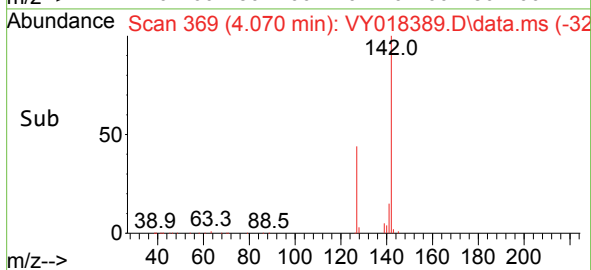
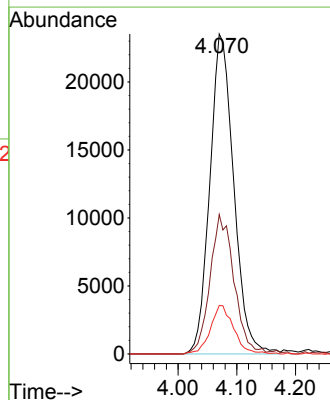
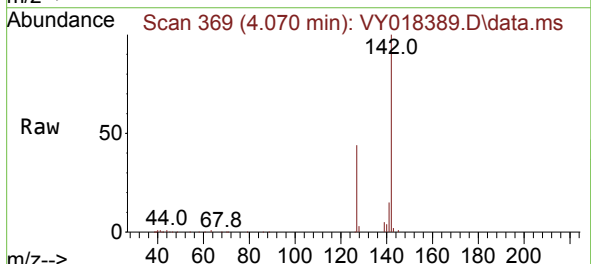
Instrument :
MSVOA_Y
ClientSampleId :

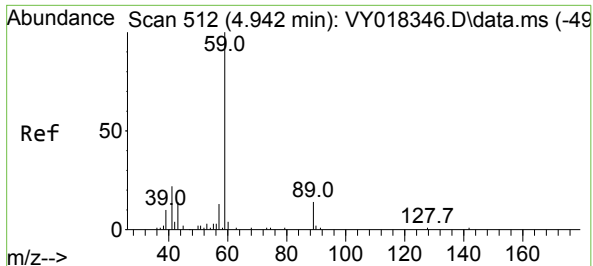
Tgt Ion:101 Resp: 62182
Ion Ratio Lower Upper
101 100
85 46.3 34.5 51.7
151 69.8 61.7 92.5



#10
Methyl Iodide
Concen: 53.696 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion:142 Resp: 66529
Ion Ratio Lower Upper
142 100
127 43.8 32.8 49.2
141 14.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 277.861 ug/l

RT: 4.930 min Scan# 512

Delta R.T. -0.012 min

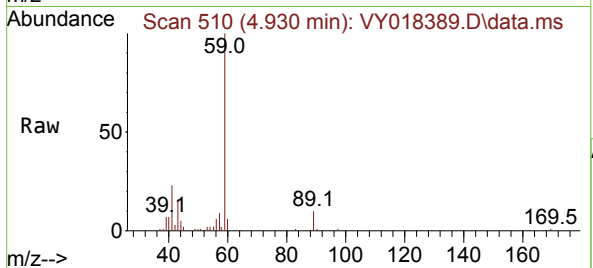
Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

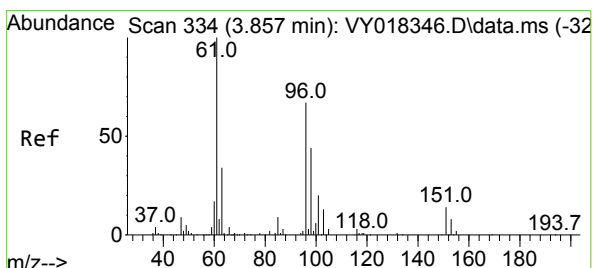
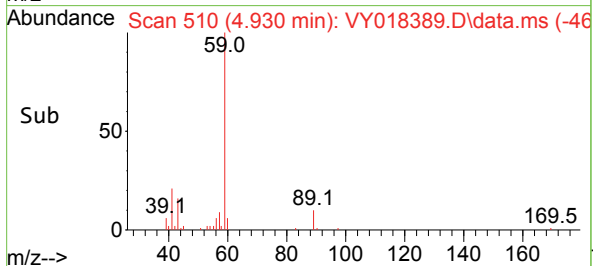
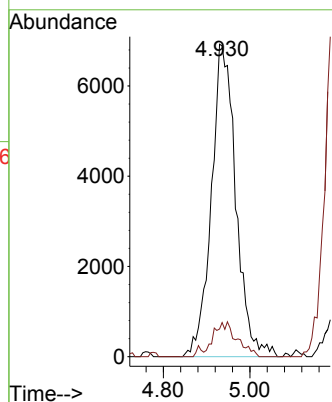


Tgt Ion: 59 Resp: 27268

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 52.166 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

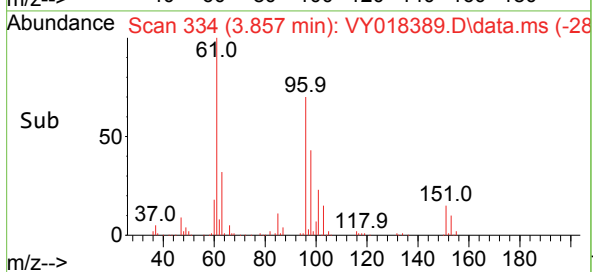
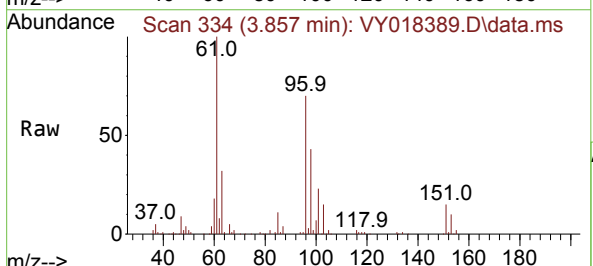
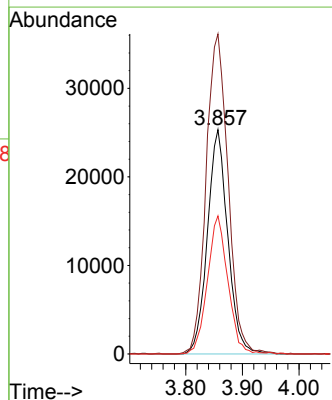
Tgt Ion: 96 Resp: 63298

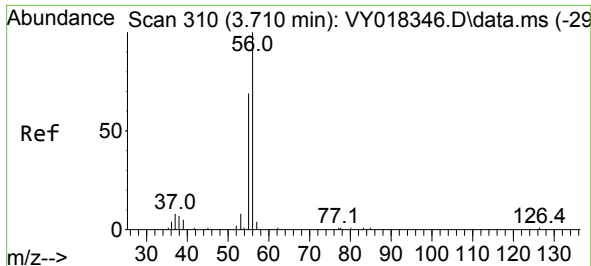
Ion Ratio Lower Upper

96 100

61 142.4 114.6 171.8

98 61.5 50.8 76.2

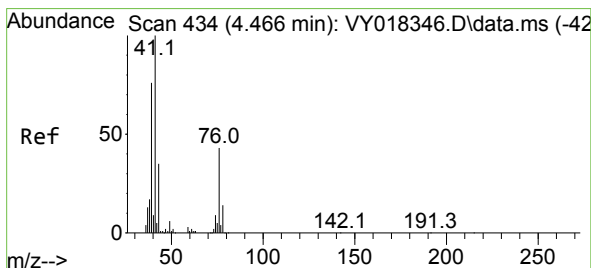
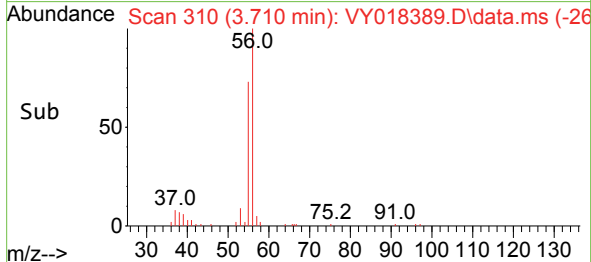
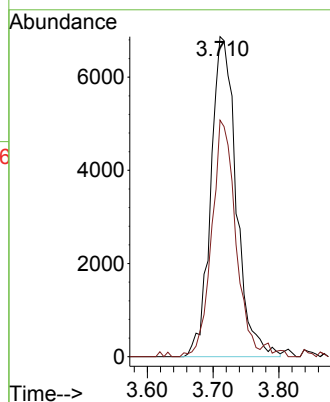
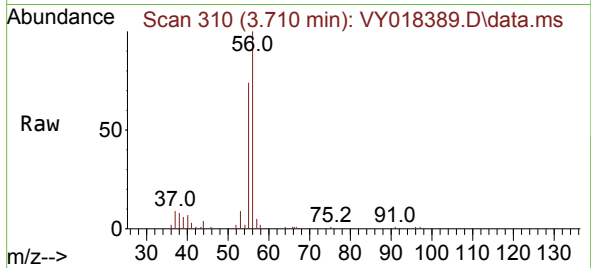




#13
Acrolein
Concen: 203.112 ug/l
RT: 3.710 min Scan# 310
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

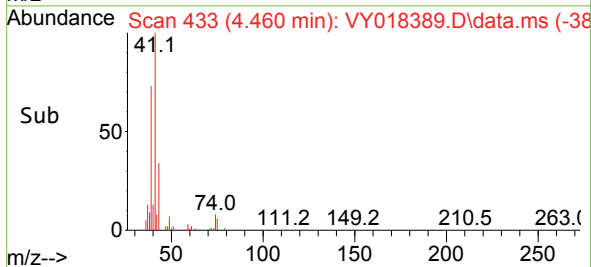
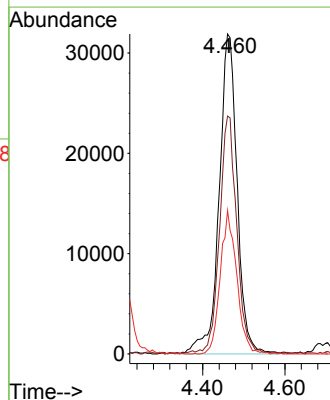
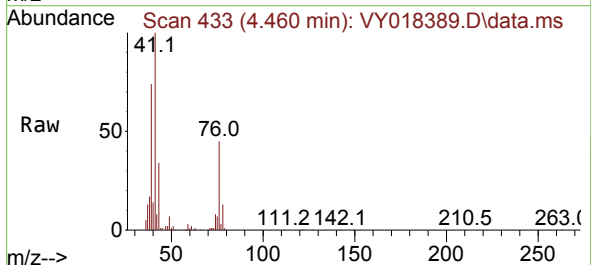
Instrument :
MSVOA_Y
ClientSampleId :

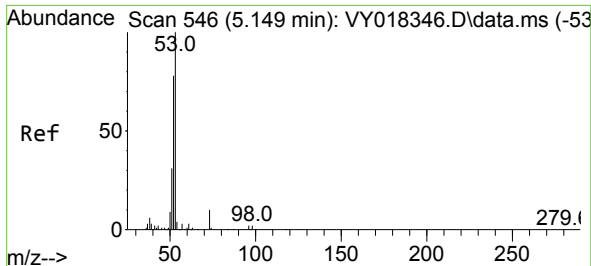
Tgt Ion: 56 Resp: 18485
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5



#14
Allyl chloride
Concen: 57.368 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

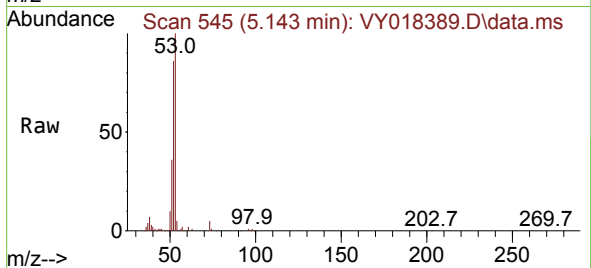
Tgt Ion: 41 Resp: 97220
Ion Ratio Lower Upper
41 100
39 71.6 58.3 87.5
76 40.9 39.0 58.6



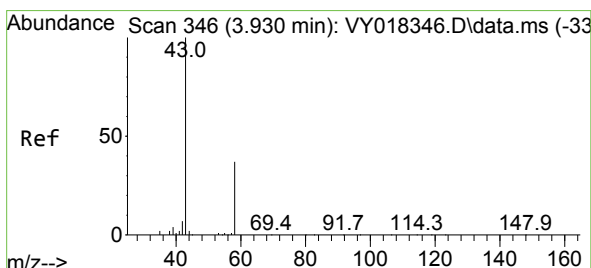
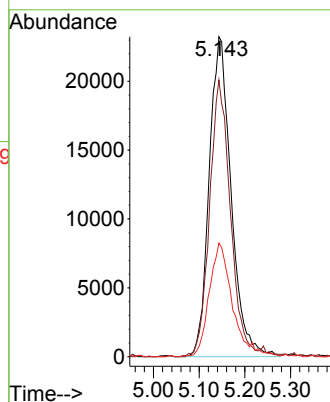
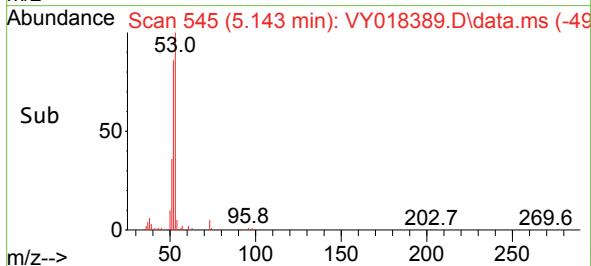


#15
Acrylonitrile
Concen: 281.402 ug/l
RT: 5.143 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Instrument :
MSVOA_Y
ClientSampleId :

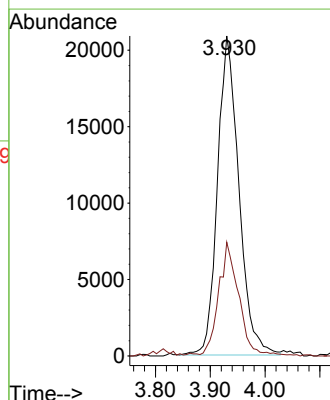
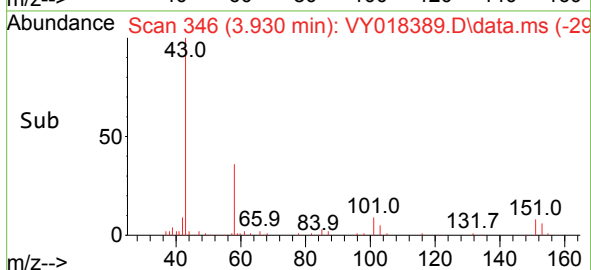
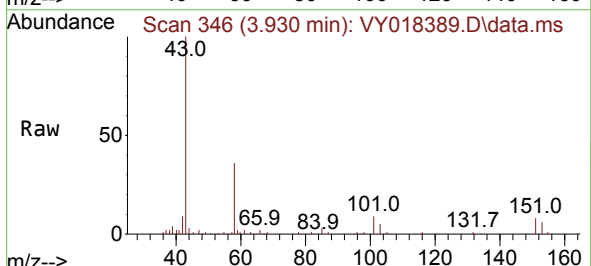


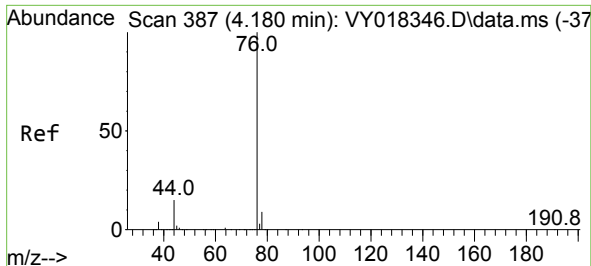
Tgt Ion: 53 Resp: 77612
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 37.5 28.4 42.6



#16
Acetone
Concen: 253.494 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 43 Resp: 56647
Ion Ratio Lower Upper
43 100
58 35.1 31.7 47.5

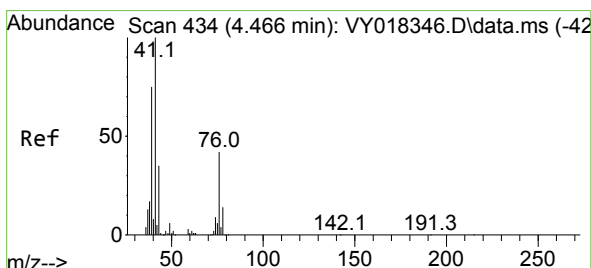
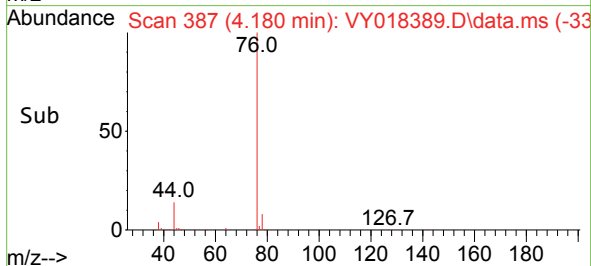
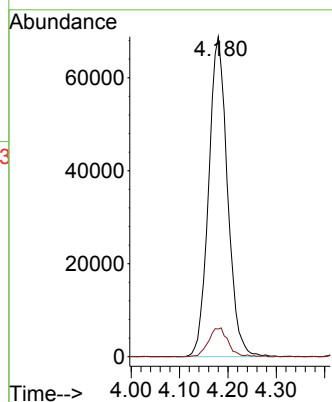
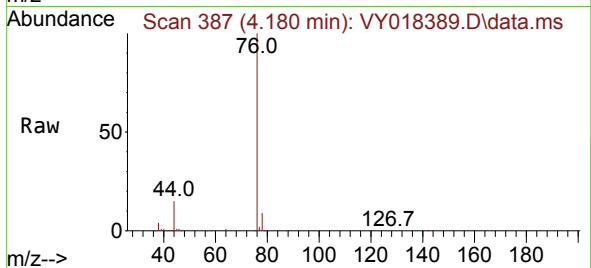




#17
Carbon Disulfide
Concen: 55.091 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

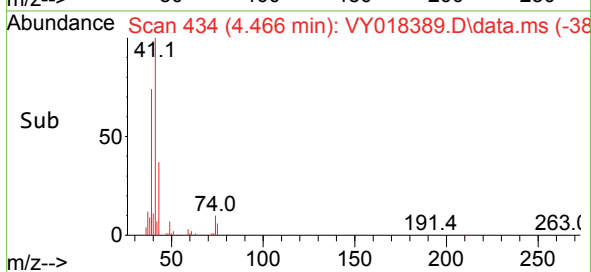
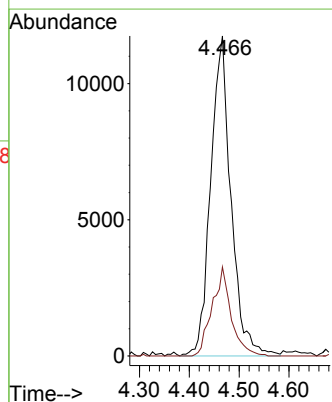
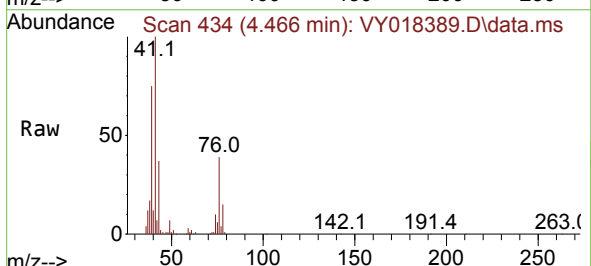
Instrument :
MSVOA_Y
ClientSampleId :

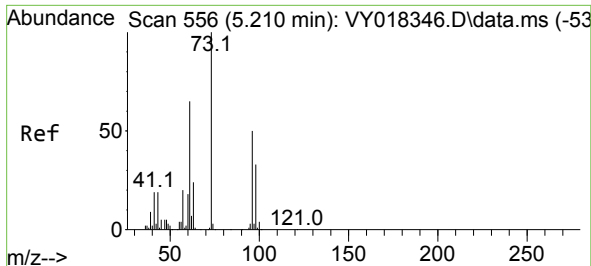
Tgt Ion: 76 Resp: 186671
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 56.127 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 43 Resp: 33244
Ion Ratio Lower Upper
43 100
74 26.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.138 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

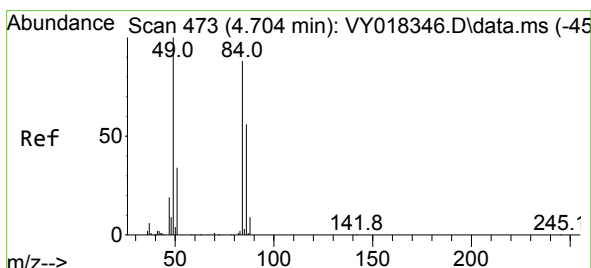
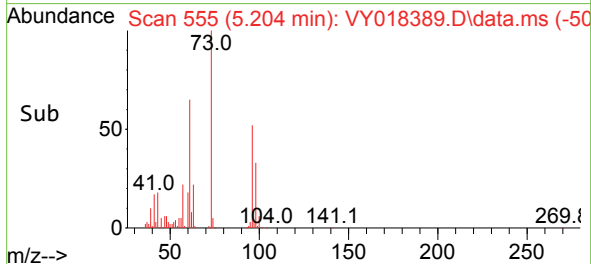
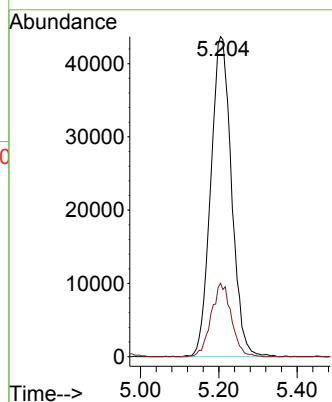
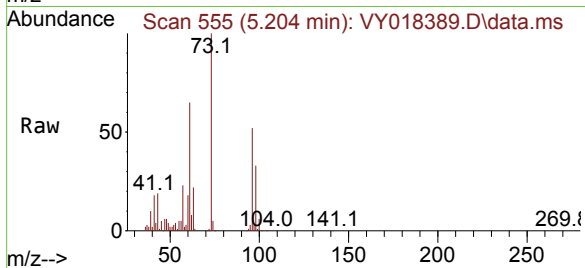
ClientSampleId :

Tgt Ion: 73 Resp: 160428

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 63.453 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Tgt Ion: 84 Resp: 79968

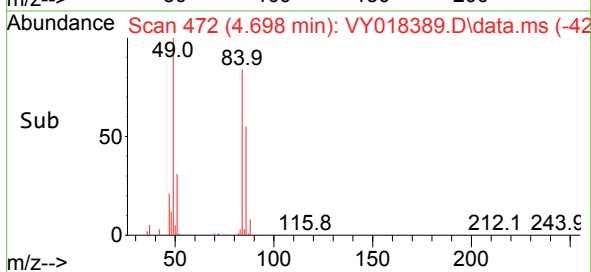
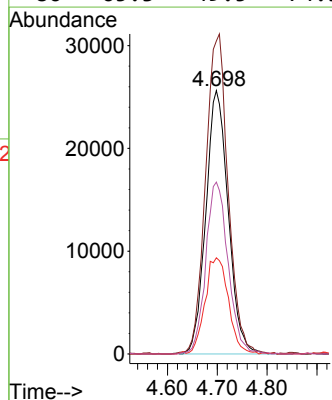
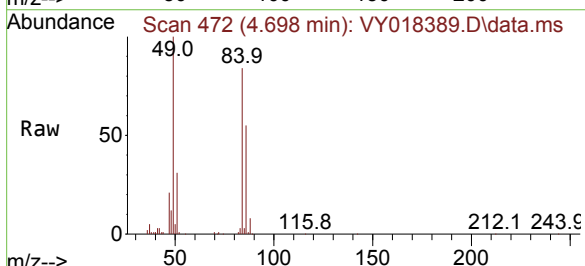
Ion Ratio Lower Upper

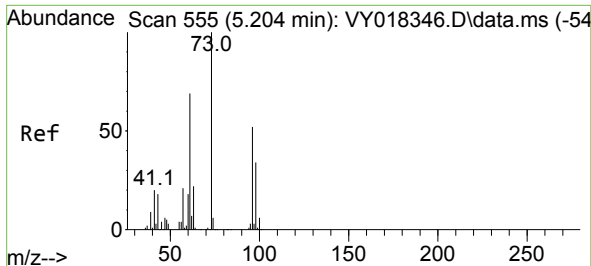
84 100

49 118.4 84.4 126.6

51 36.5 26.0 39.0

86 65.3 49.5 74.3

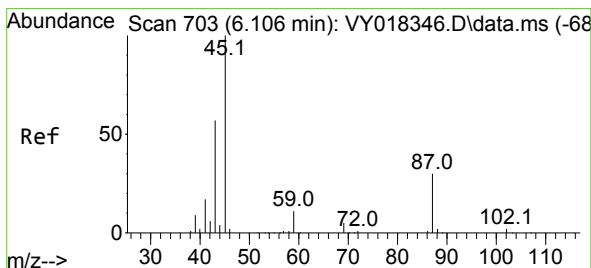
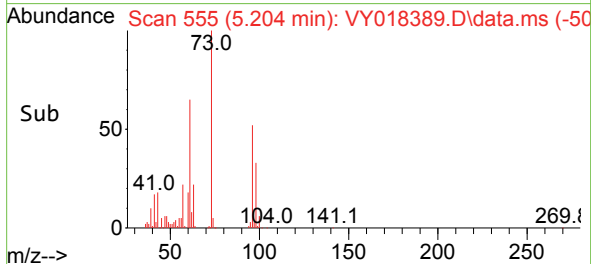
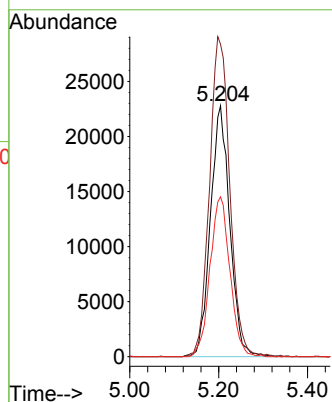
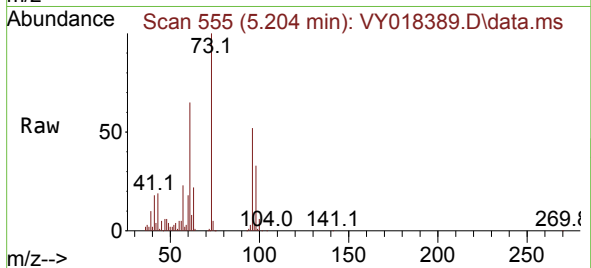




#21
trans-1,2-Dichloroethene
Concen: 53.868 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

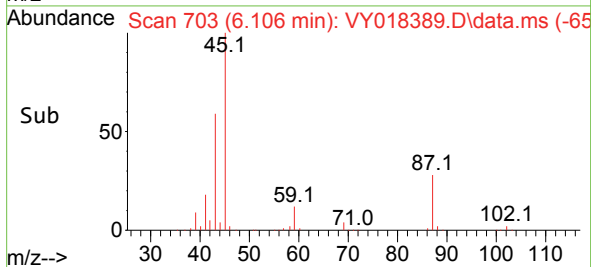
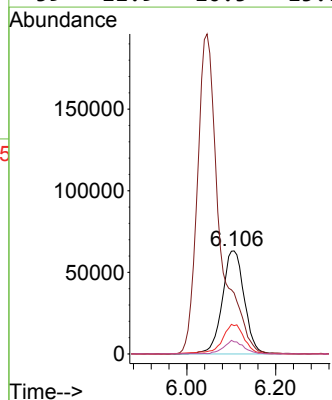
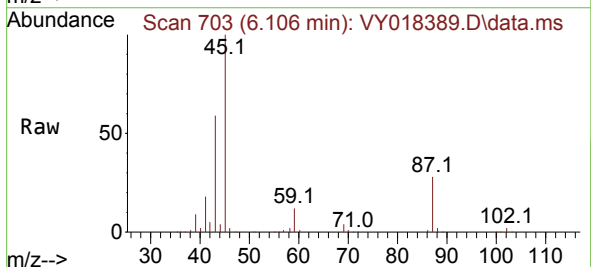
Instrument :
MSVOA_Y
ClientSampleId :

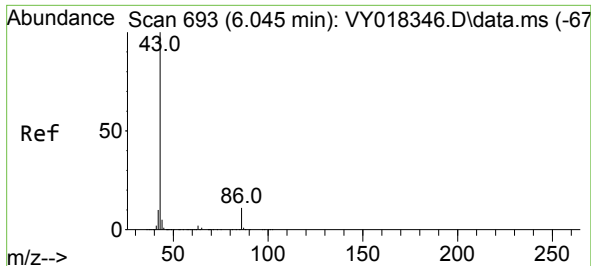
Tgt Ion: 96 Resp: 68954
Ion Ratio Lower Upper
96 100
61 124.5 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 61.367 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 45 Resp: 216114
Ion Ratio Lower Upper
45 100
43 58.4 42.2 63.2
87 27.2 25.0 37.6
59 11.9 10.5 15.7

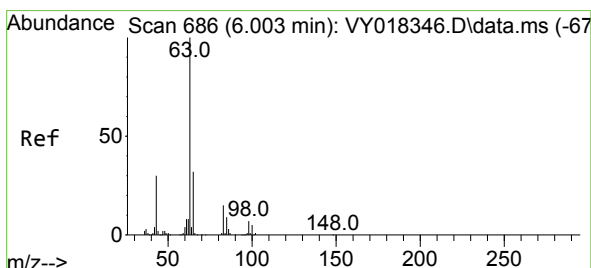
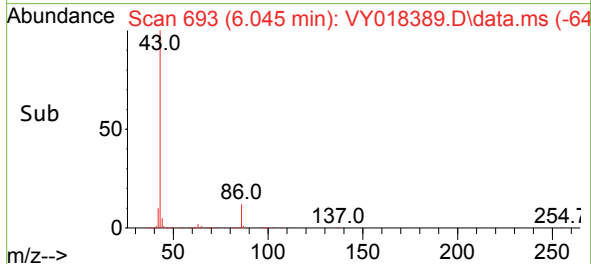
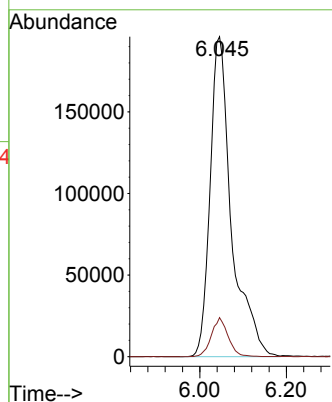
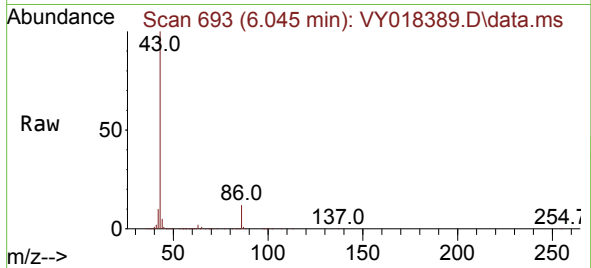




#23
 Vinyl Acetate
 Concen: 298.754 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018389.D
 Acq: 28 May 2024 18:50

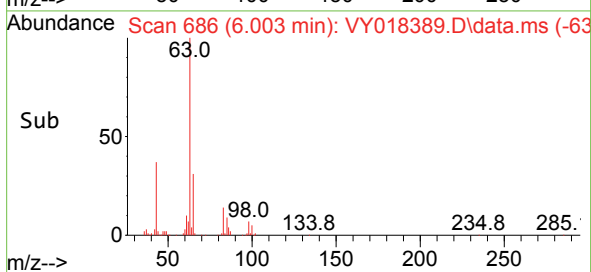
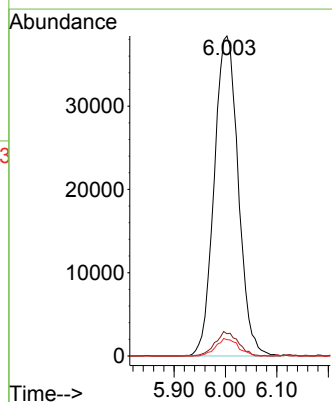
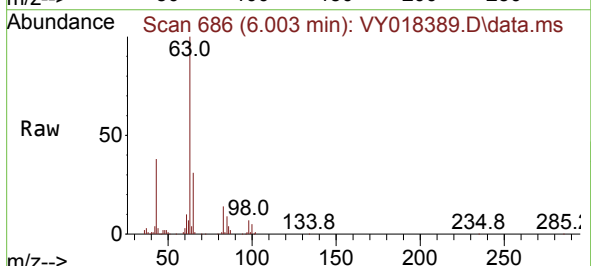
Instrument :
 MSVOA_Y
 ClientSampleId :

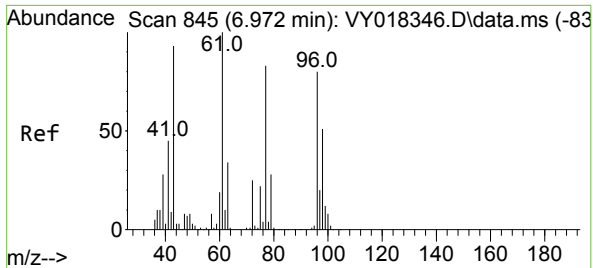
Tgt Ion: 43 Resp: 673685
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 57.800 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018389.D
 Acq: 28 May 2024 18:50

Tgt Ion: 63 Resp: 124833
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 279.076 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

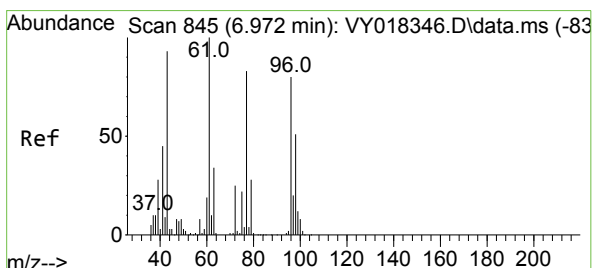
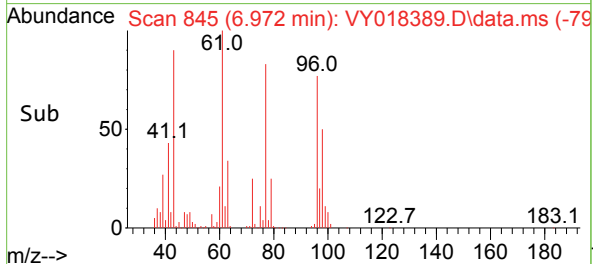
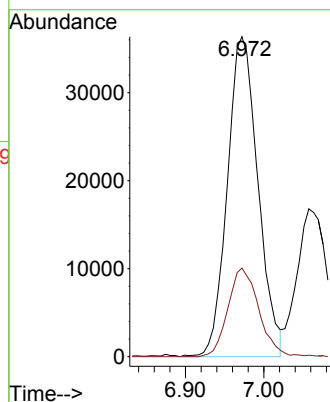
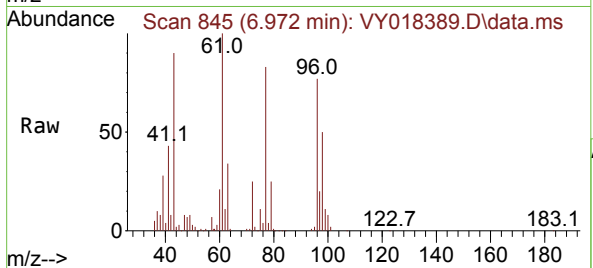
ClientSampleId :

Tgt Ion: 43 Resp: 98827

Ion Ratio Lower Upper

43 100

72 27.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 52.469 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018389.D

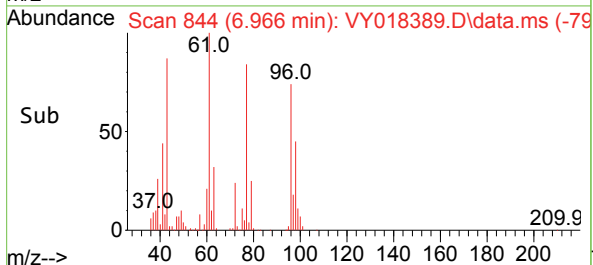
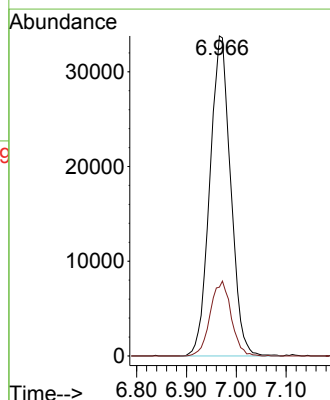
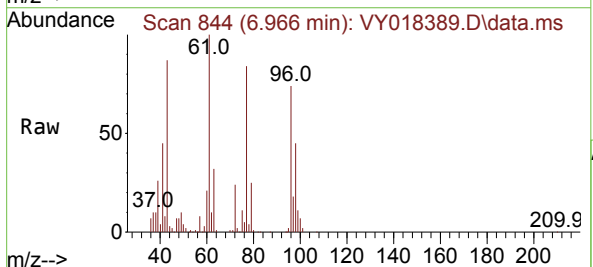
Acq: 28 May 2024 18:50

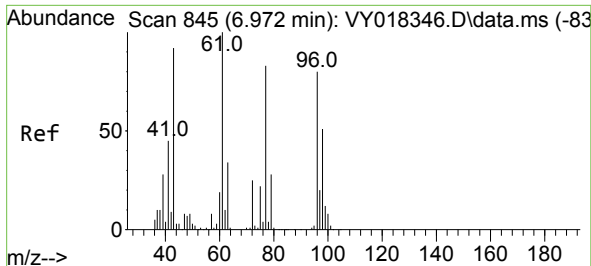
Tgt Ion: 77 Resp: 97958

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.951 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

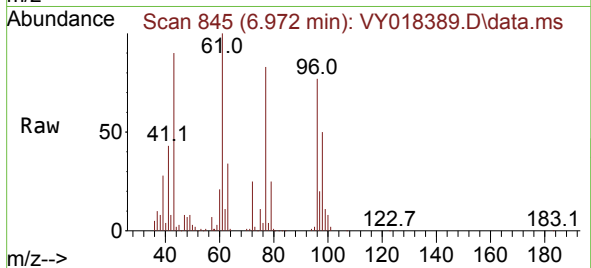
Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :



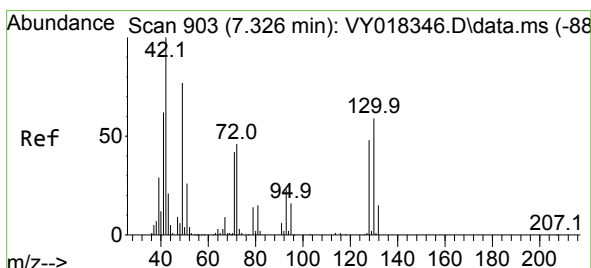
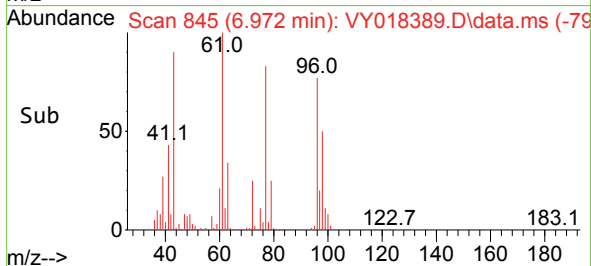
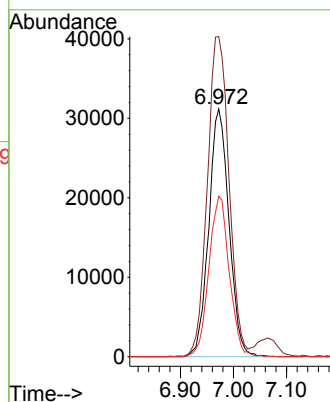
Tgt Ion: 96 Resp: 82655

Ion Ratio Lower Upper

96 100

61 138.3 0.0 256.2

98 65.3 0.0 130.0



#28

Bromochloromethane

Concen: 63.096 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

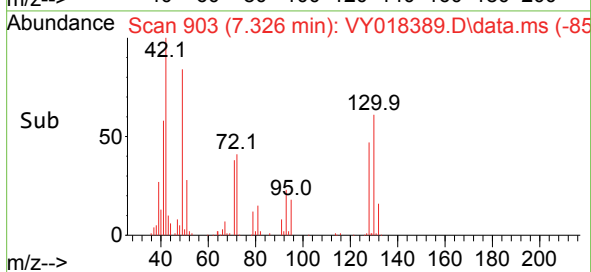
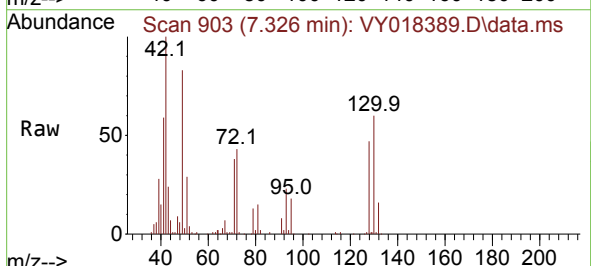
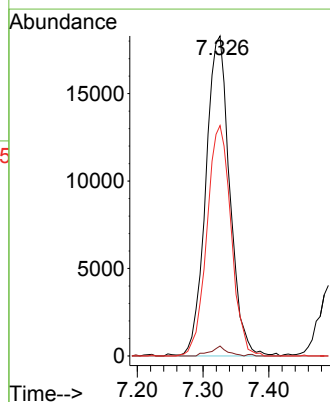
Tgt Ion: 49 Resp: 46282

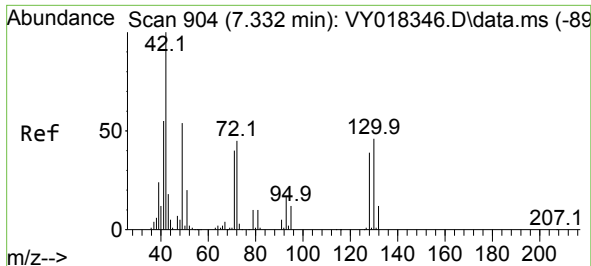
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 72.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 297.217 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

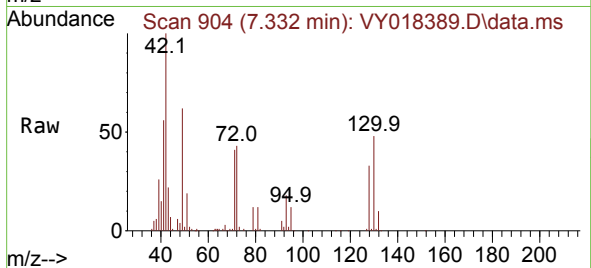
Lab File: VY018389.D

Acq: 28 May 2024 18:50

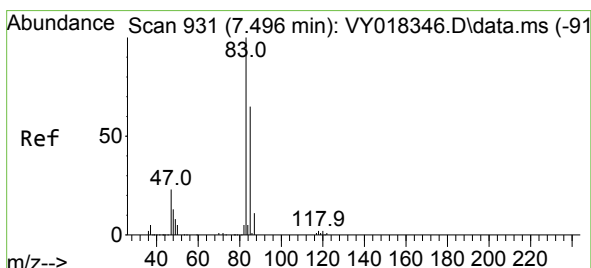
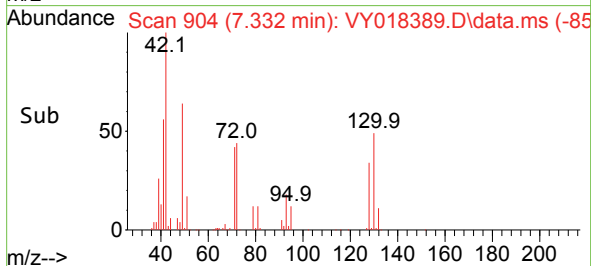
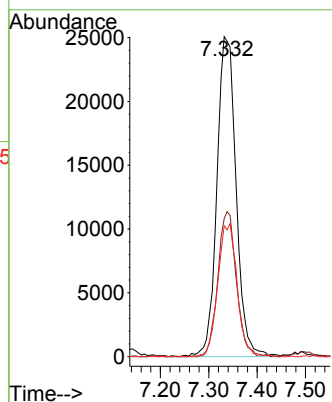
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	69277
Ion	Ratio	Lower	Upper
42	100		
72	43.9	43.0	64.4
71	41.7	40.8	61.2



#30

Chloroform

Concen: 57.283 ug/l

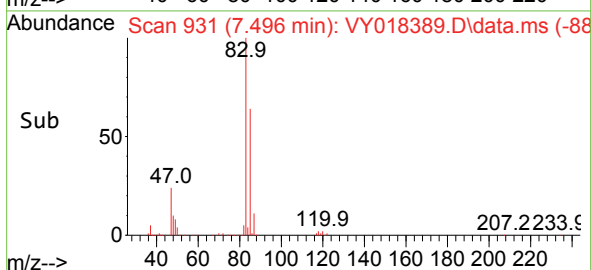
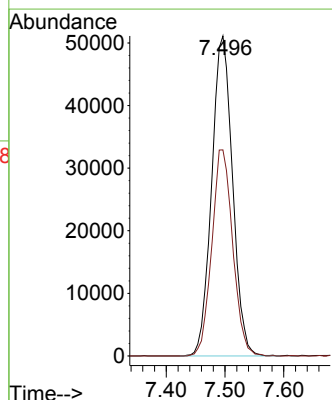
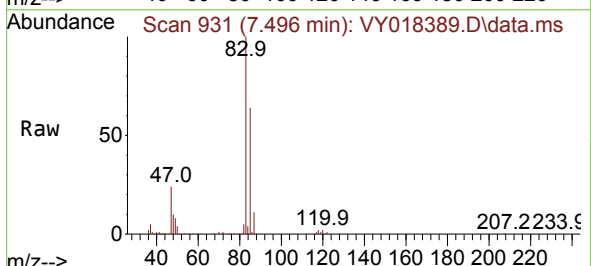
RT: 7.496 min Scan# 931

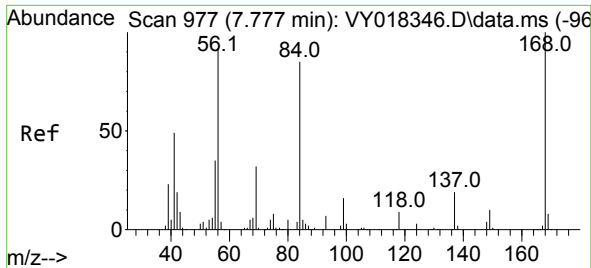
Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Tgt Ion:	83	Resp:	126099
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4

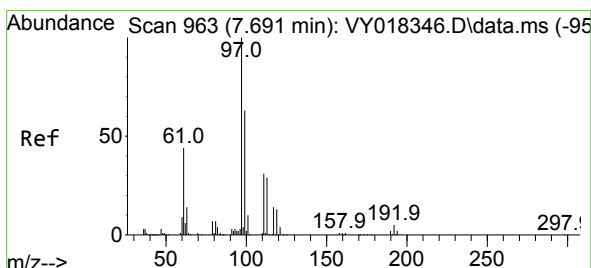
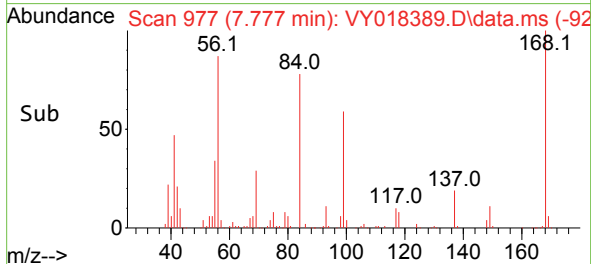
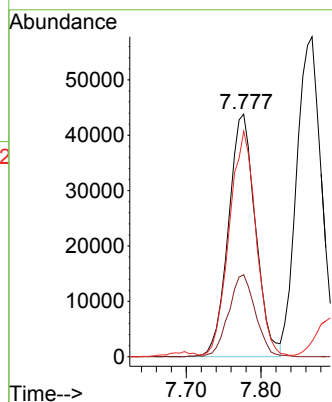
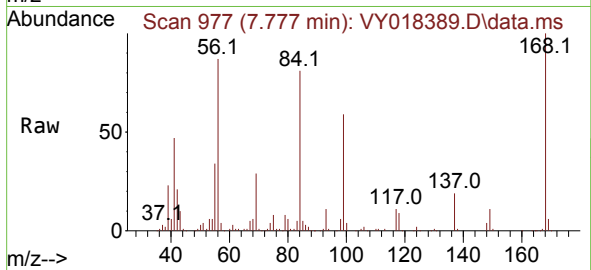




#31
Cyclohexane
Concen: 58.023 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

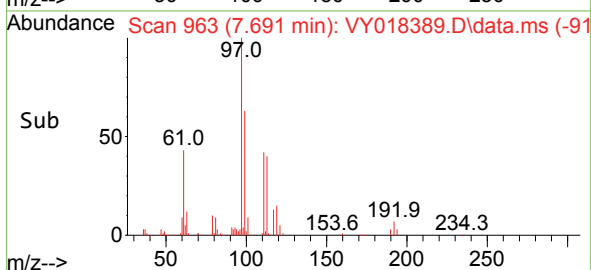
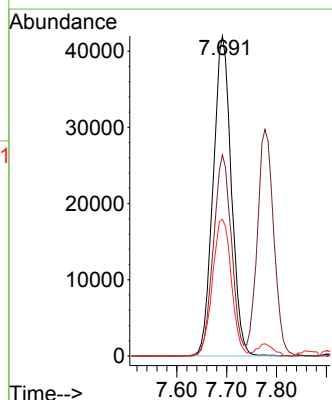
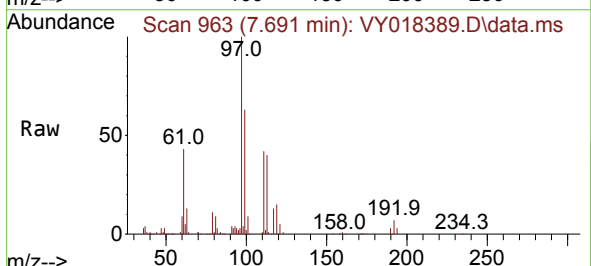
Instrument :
MSVOA_Y
ClientSampleId :

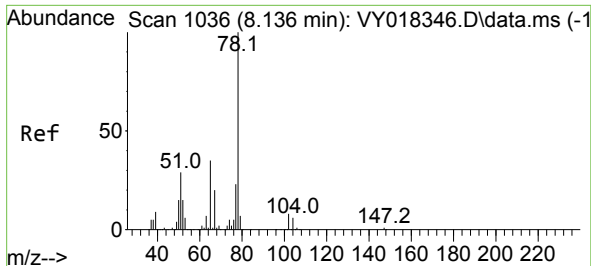
Tgt Ion: 56 Resp: 110258
Ion Ratio Lower Upper
56 100
69 33.8 28.7 43.1
84 91.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.945 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 97 Resp: 106164
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 44.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 61.546 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

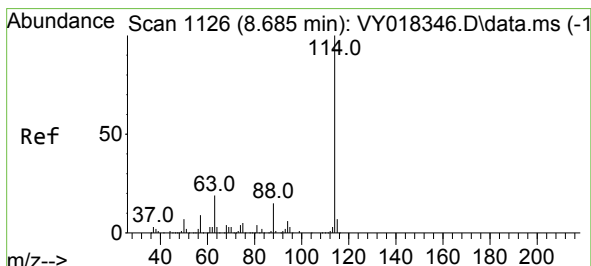
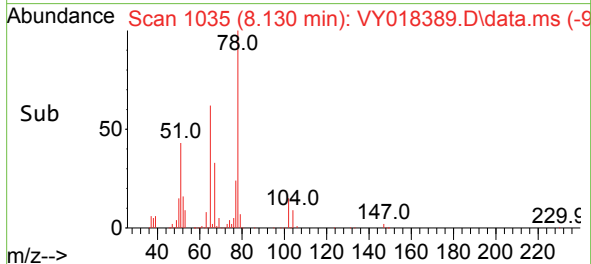
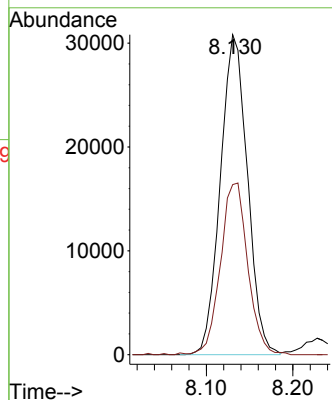
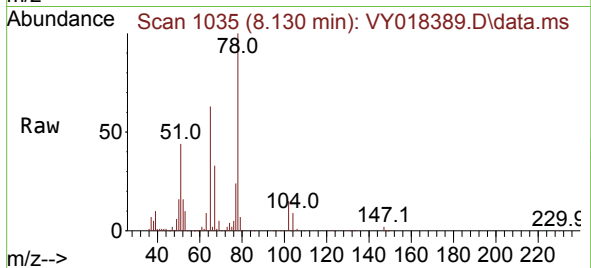
ClientSampleId :

Tgt Ion: 65 Resp: 66869

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

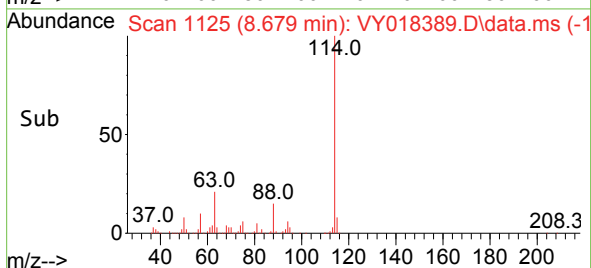
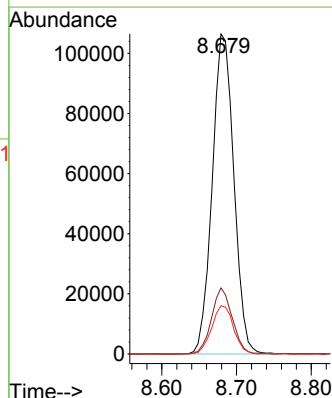
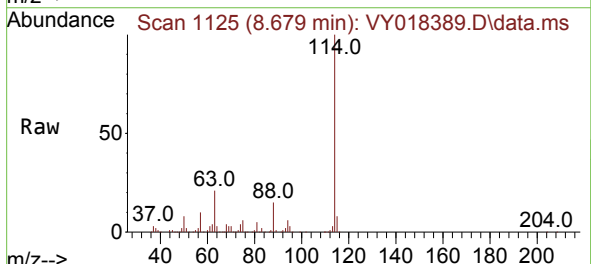
Tgt Ion:114 Resp: 213489

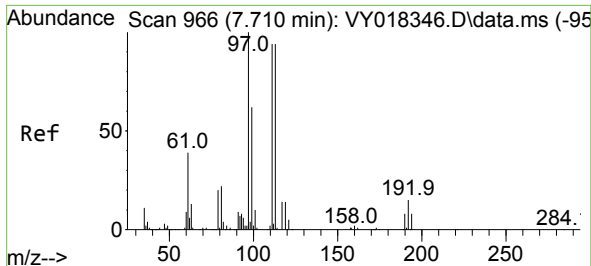
Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

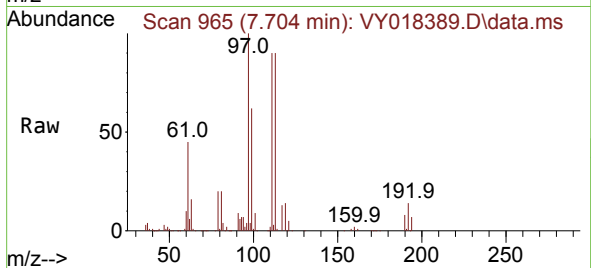
88 15.1 0.0 27.2



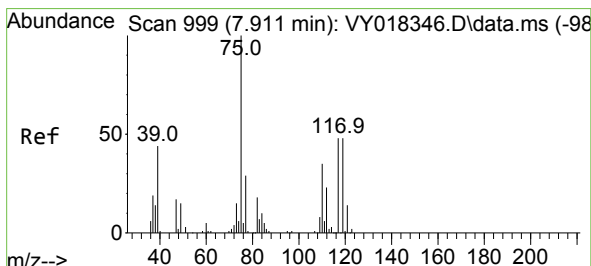
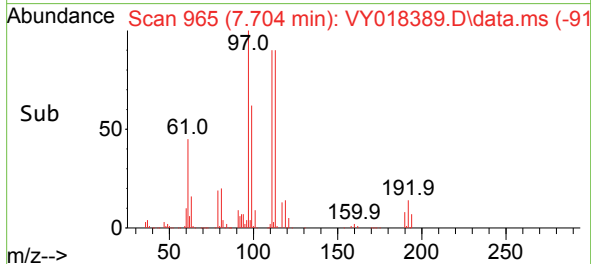
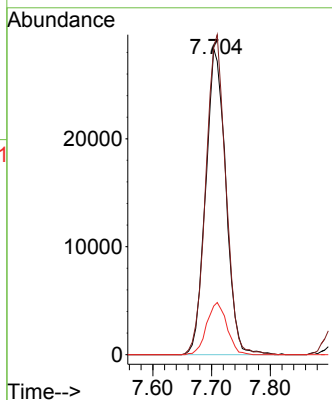


#35
Dibromofluoromethane
Concen: 54.395 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Instrument :
MSVOA_Y
ClientSampleId :

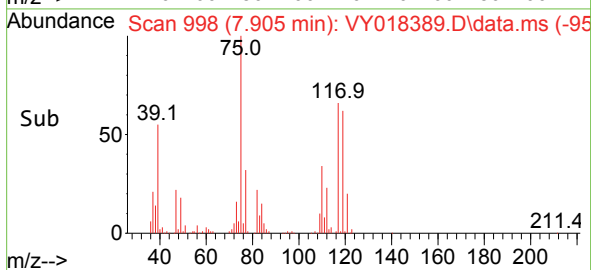
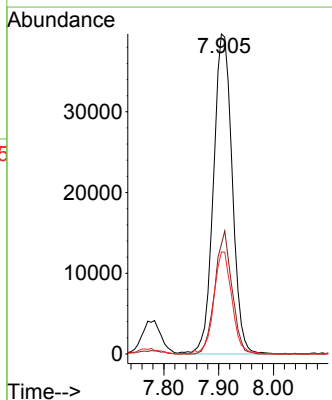
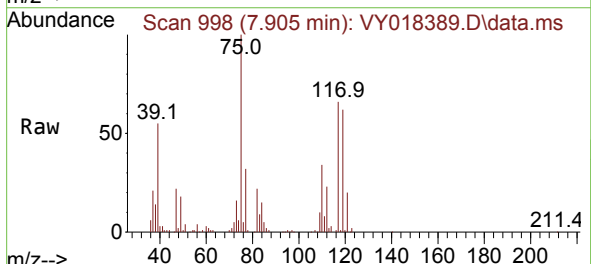


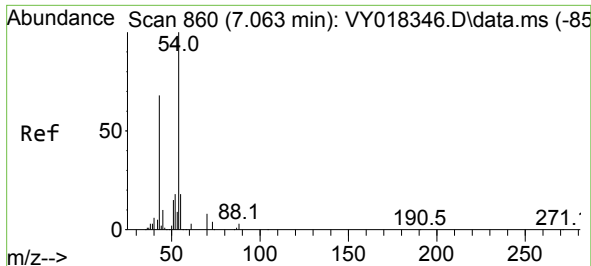
Tgt Ion:113 Resp: 67720
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.243 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 75 Resp: 94323
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 54.266 ug/l

RT: 7.057 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

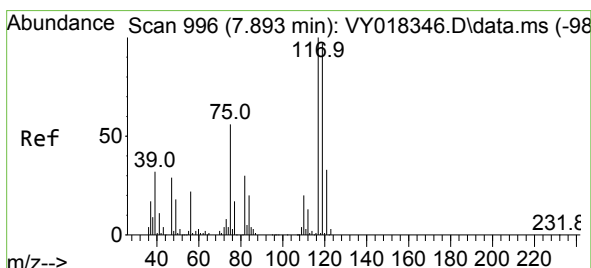
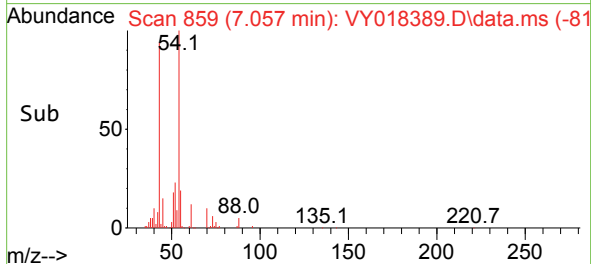
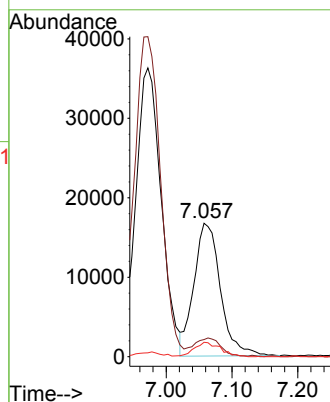
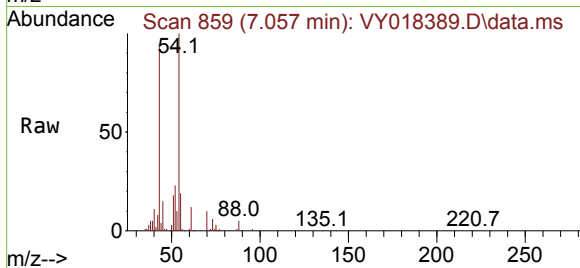
Tgt Ion: 43 Resp: 46869

Ion Ratio Lower Upper

43 100

61 13.0 12.6 19.0

70 10.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.579 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

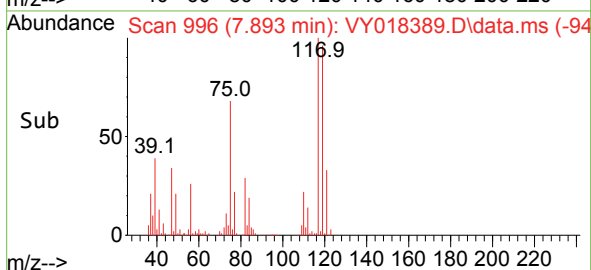
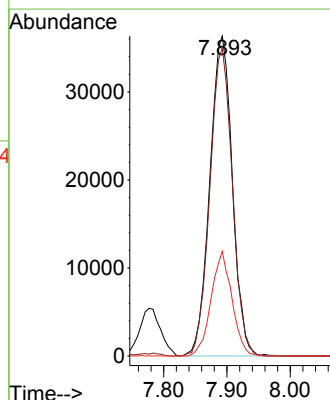
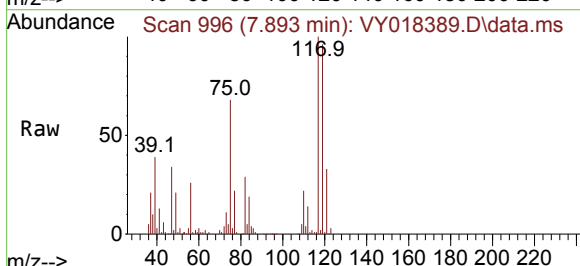
Tgt Ion:117 Resp: 89832

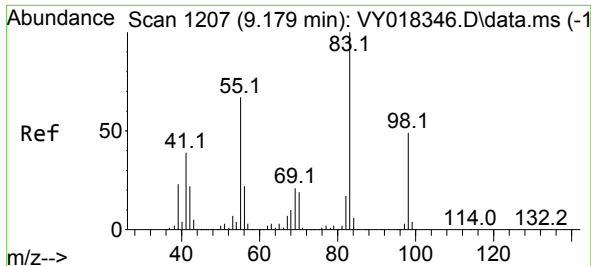
Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.6

121 32.7 24.0 36.0





#39

Methylcyclohexane

Concen: 47.775 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

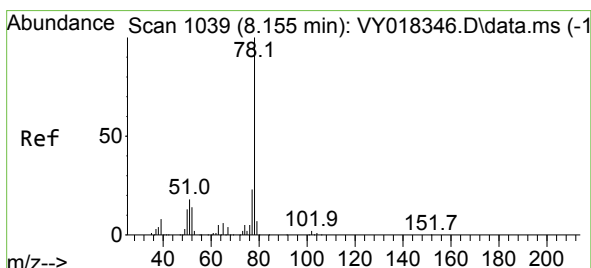
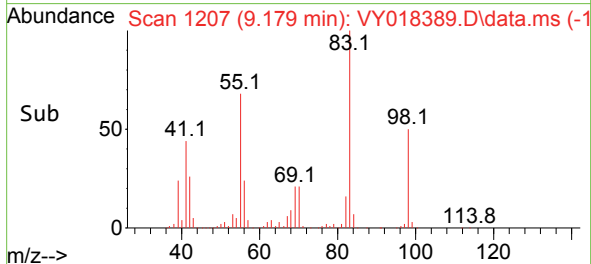
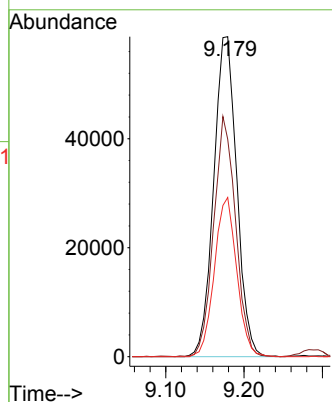
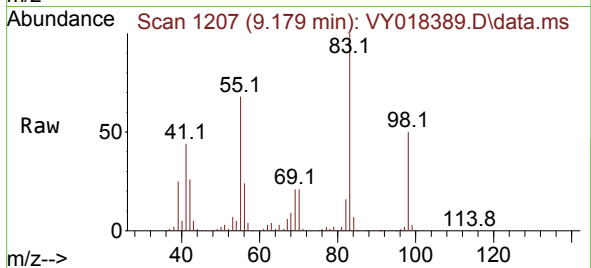
Tgt Ion: 83 Resp: 120326

Ion Ratio Lower Upper

83 100

55 68.0 51.5 77.3

98 49.8 40.5 60.7



#40

Benzene

Concen: 53.252 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018389.D

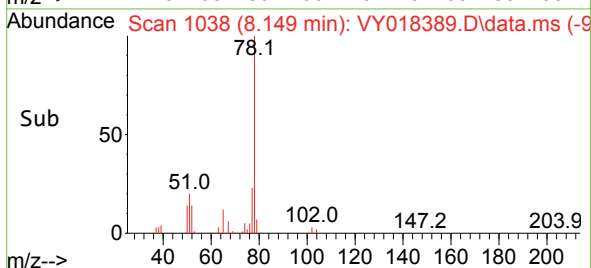
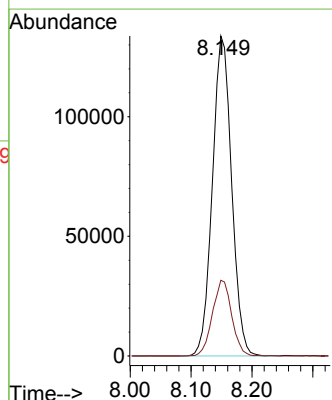
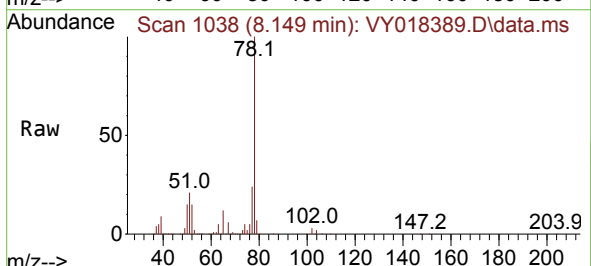
Acq: 28 May 2024 18:50

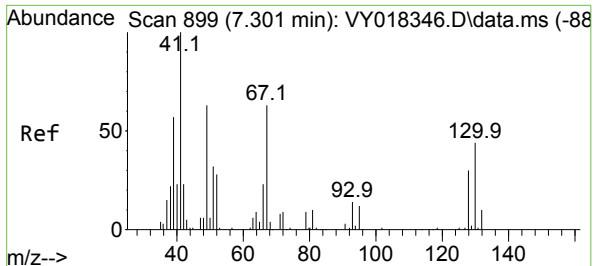
Tgt Ion: 78 Resp: 293093

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

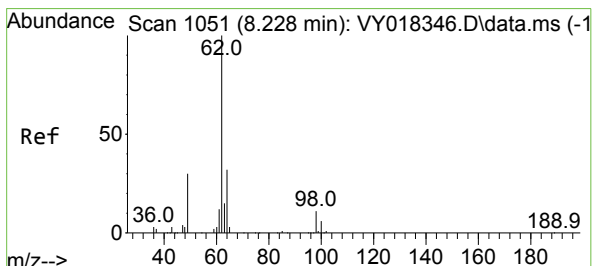
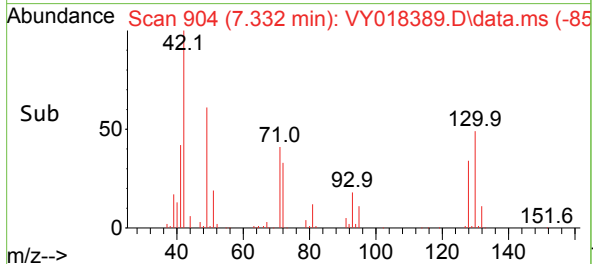
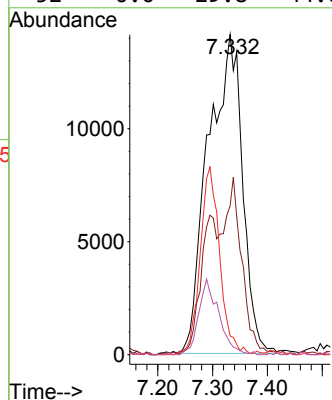
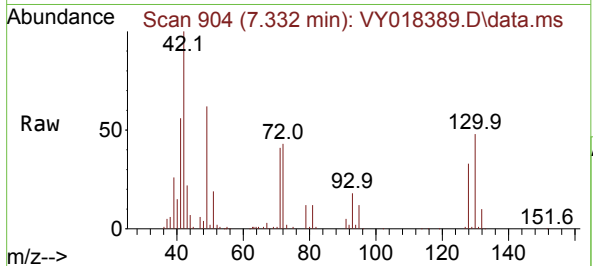




#41
Methacrylonitrile
Concen: 141.685 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

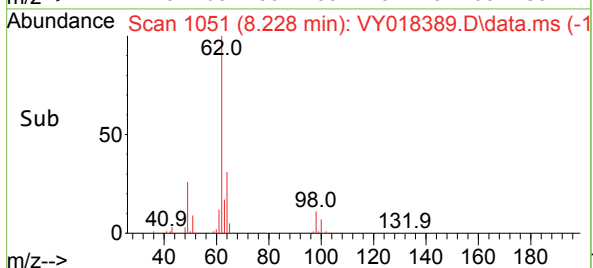
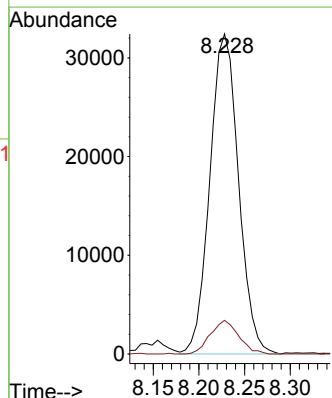
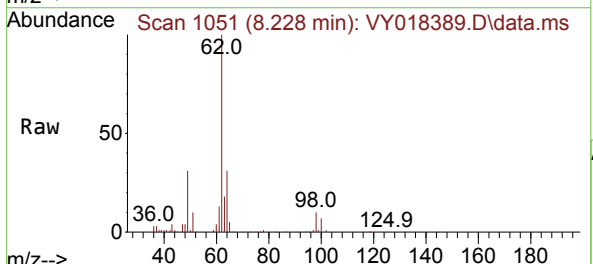
Instrument :
MSVOA_Y
ClientSampleId :

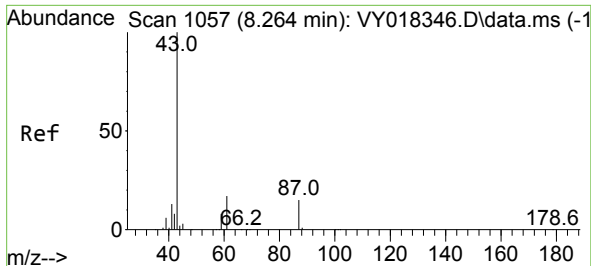
Tgt Ion: 41 Resp: 61084
Ion Ratio Lower Upper
41 100
39 23.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 53.444 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 62 Resp: 70756
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

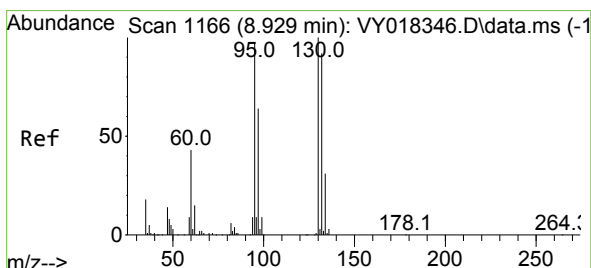
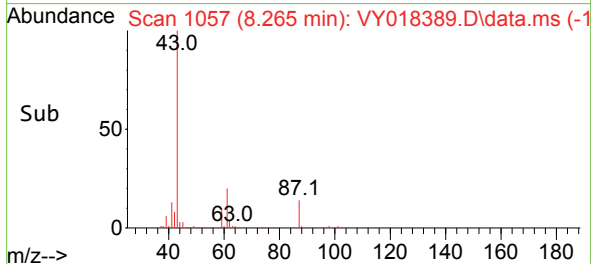
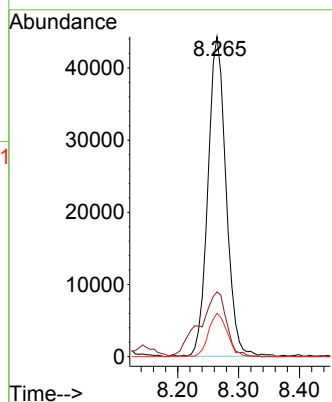
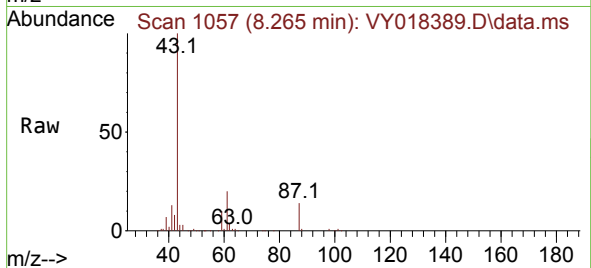




#43
Isopropyl Acetate
Concen: 54.096 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

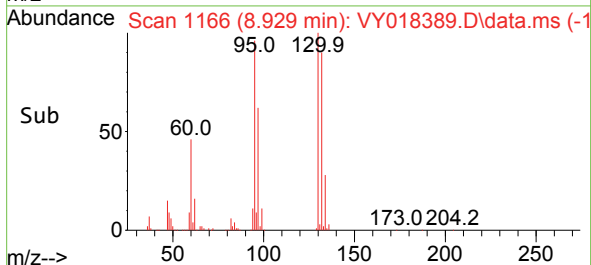
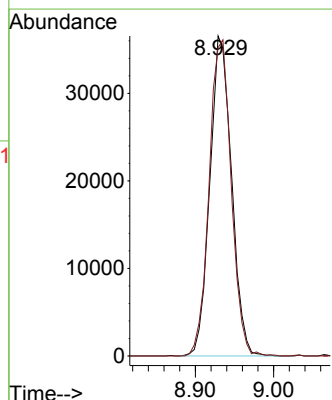
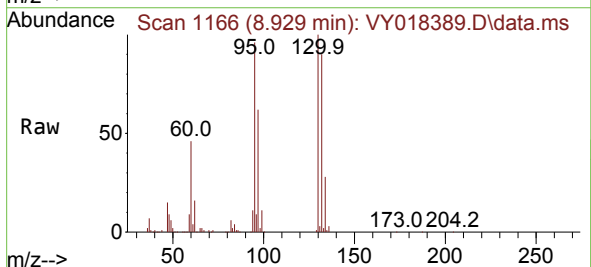
Instrument :
MSVOA_Y
ClientSampleId :

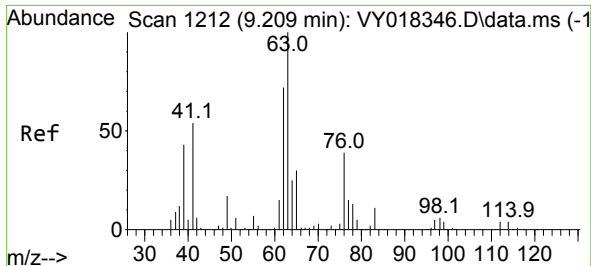
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.4	27.9	41.9
87	14.1	13.1	19.7



#44
Trichloroethene
Concen: 49.768 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	188.0





#45

1,2-Dichloropropane

Concen: 55.045 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

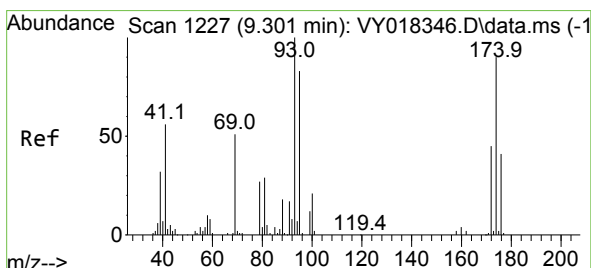
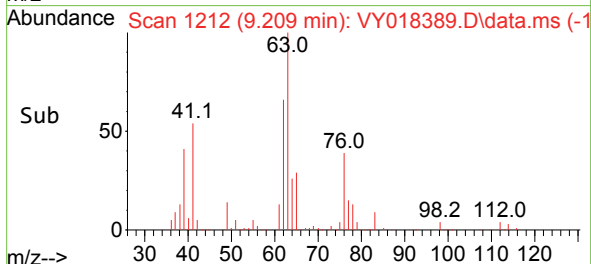
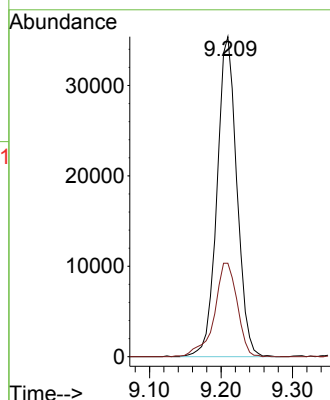
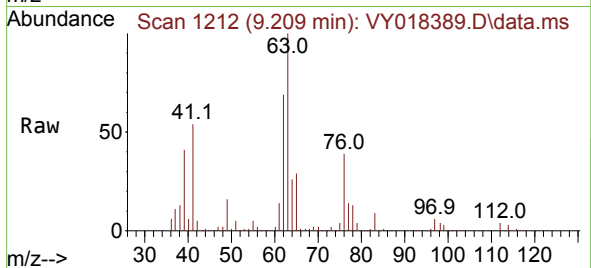
ClientSampleId :

Tgt Ion: 63 Resp: 68140

Ion Ratio Lower Upper

63 100

65 29.2 25.4 38.2



#46

Dibromomethane

Concen: 51.356 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

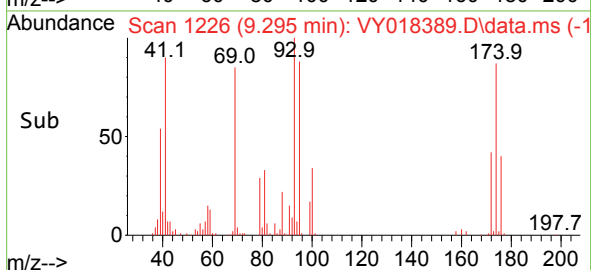
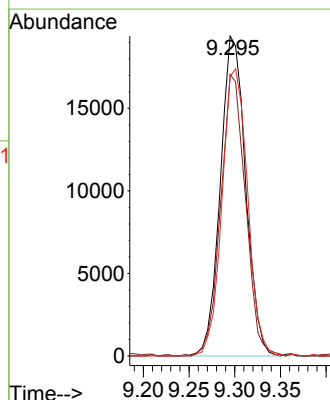
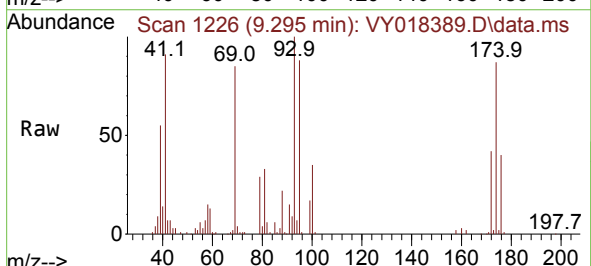
Tgt Ion: 93 Resp: 37304

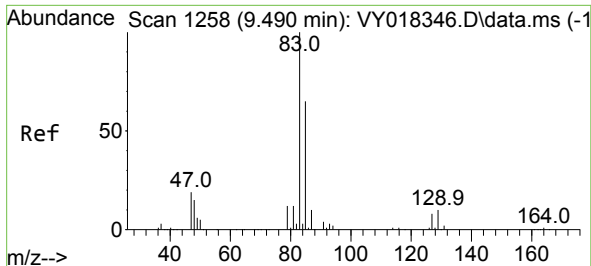
Ion Ratio Lower Upper

93 100

95 86.1 66.2 99.4

174 90.3 80.9 121.3

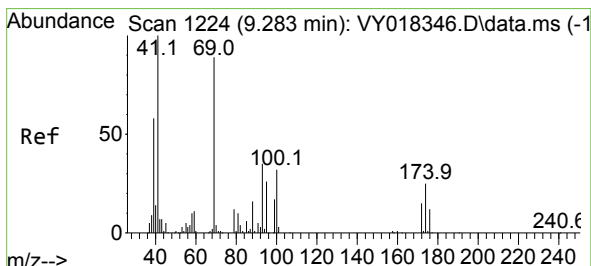
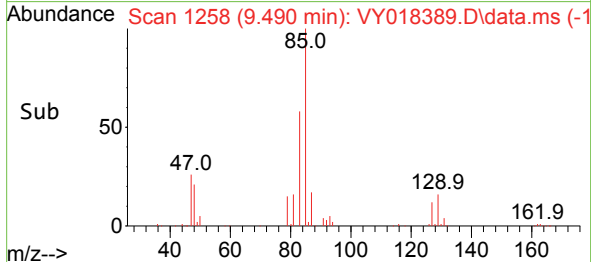
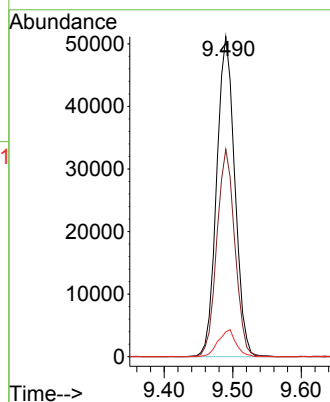
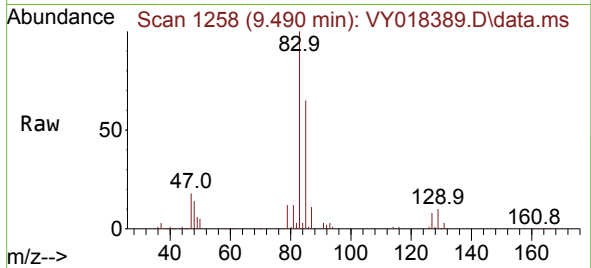




#47
Bromodichloromethane
Concen: 53.075 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

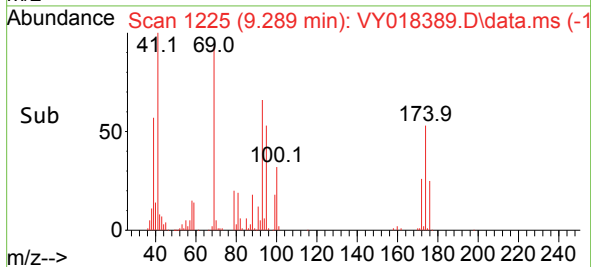
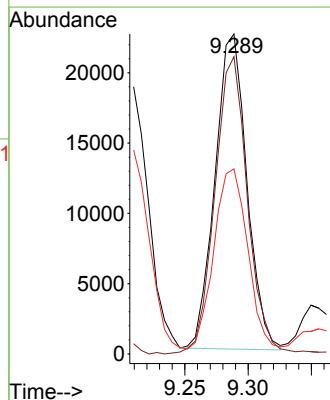
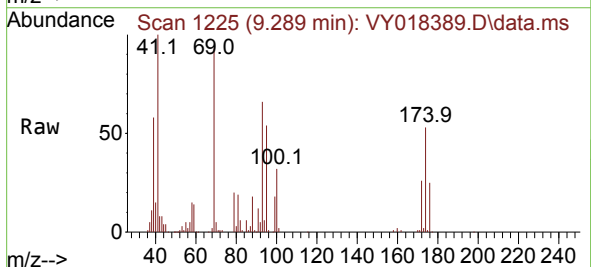
Instrument :
MSVOA_Y
ClientSampleId :

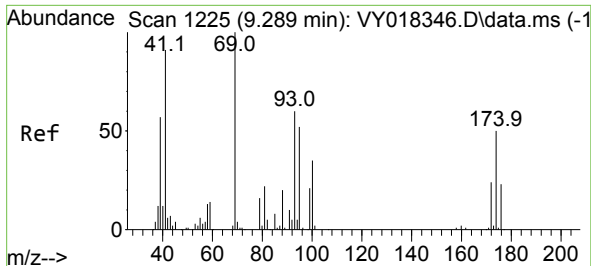
Tgt Ion: 83 Resp: 93561
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 51.480 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 41 Resp: 39242
Ion Ratio Lower Upper
41 100
69 96.7 84.1 126.1
39 60.7 43.6 65.4





#49

1,4-Dioxane

Concen: 1042.300 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

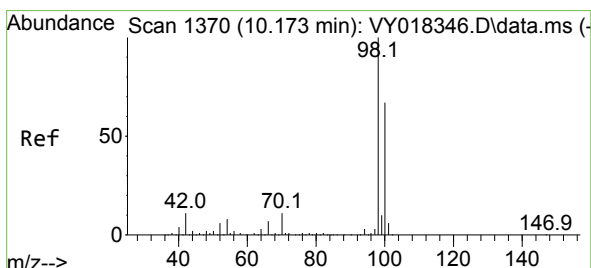
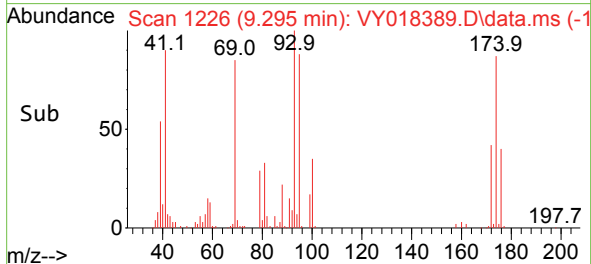
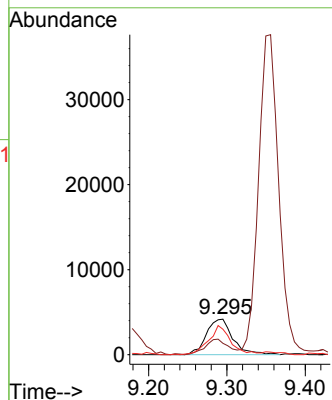
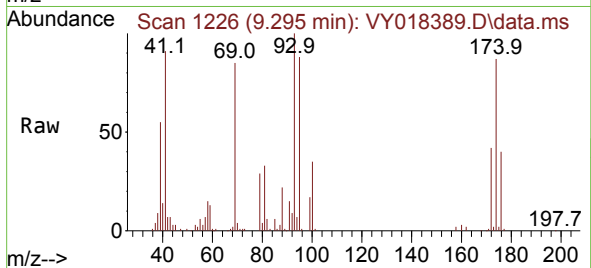
Tgt Ion: 88 Resp: 9823

Ion Ratio Lower Upper

88 100

43 37.5 0.0 0.0#

58 68.6 49.3 73.9



#50

Toluene-d8

Concen: 56.778 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018389.D

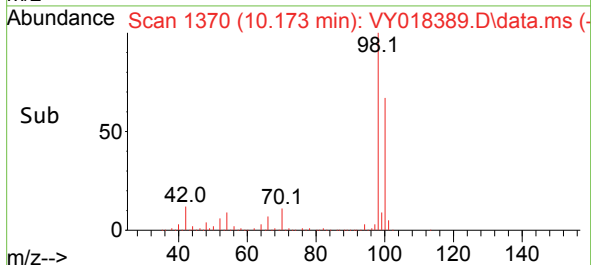
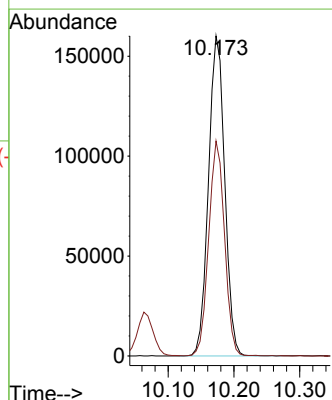
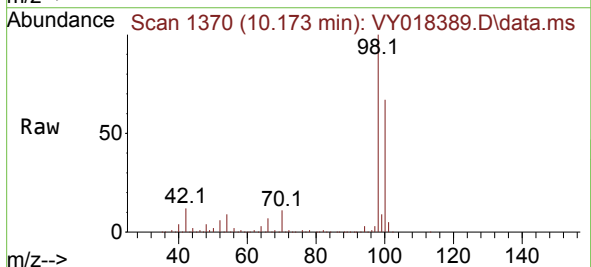
Acq: 28 May 2024 18:50

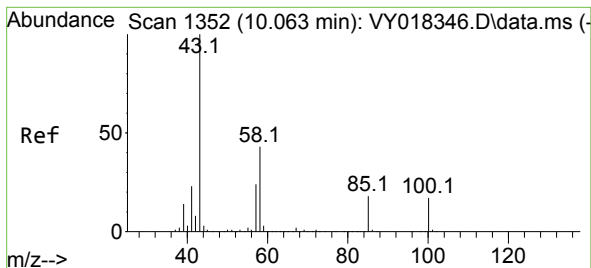
Tgt Ion: 98 Resp: 275592

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

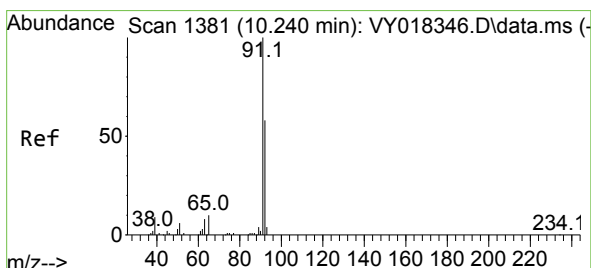
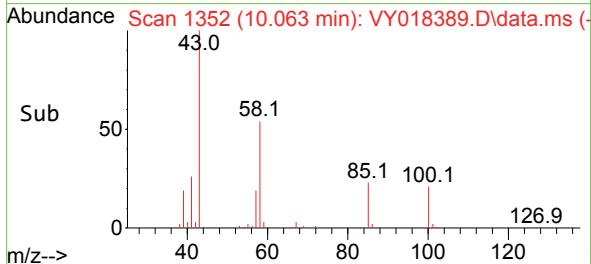
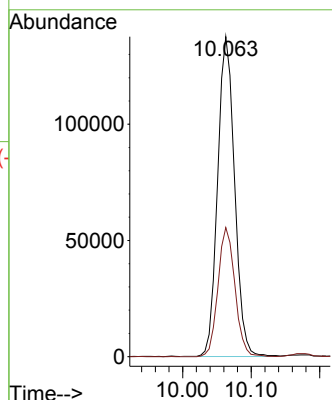
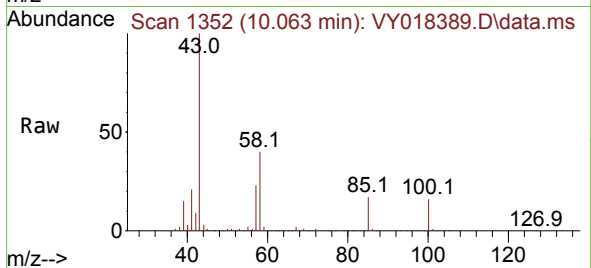




#51
4-Methyl-2-Pentanone
Concen: 277.767 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

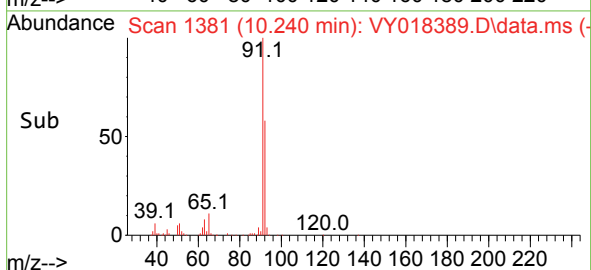
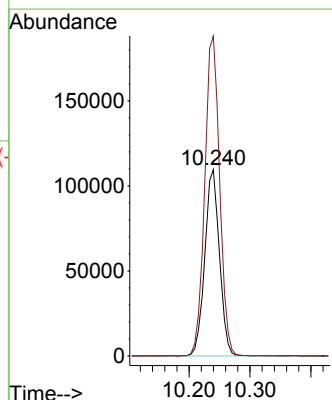
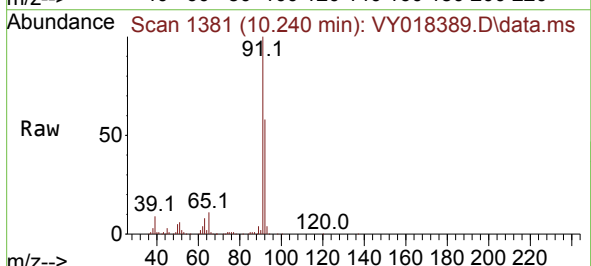
Instrument :
MSVOA_Y
ClientSampleId :

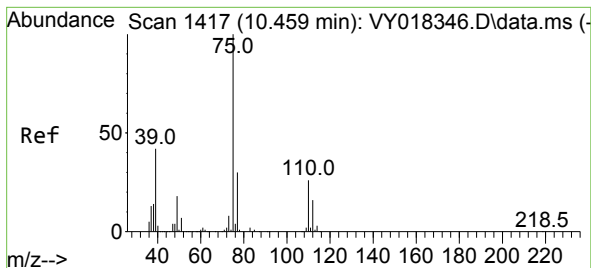
Tgt Ion: 43 Resp: 236236
Ion Ratio Lower Upper
43 100
58 40.4 35.7 53.5



#52
Toluene
Concen: 53.114 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 92 Resp: 183255
Ion Ratio Lower Upper
92 100
91 174.6 139.0 208.6

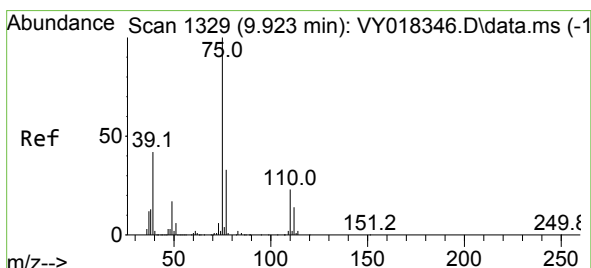
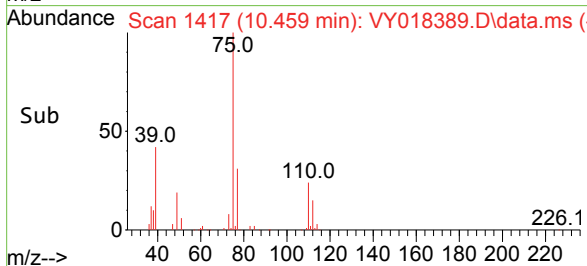
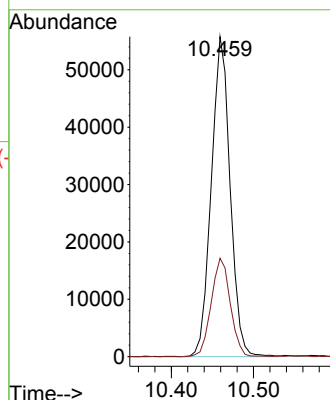
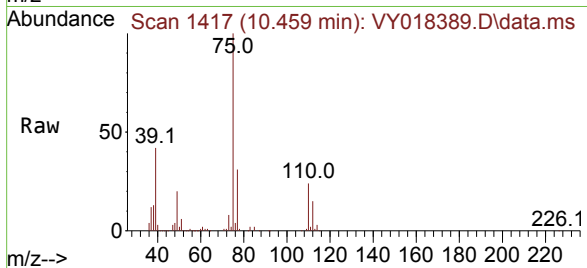




#53
t-1,3-Dichloropropene
Concen: 55.081 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

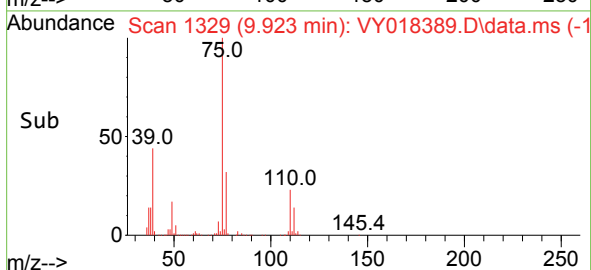
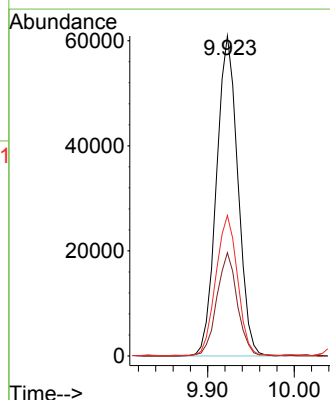
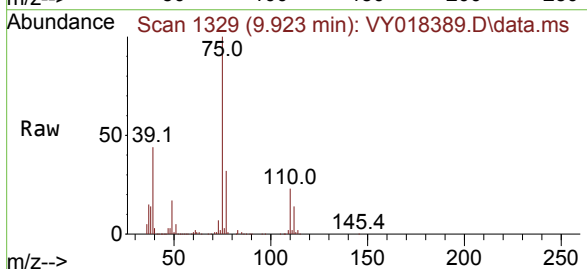
Instrument :
MSVOA_Y
ClientSampleId :

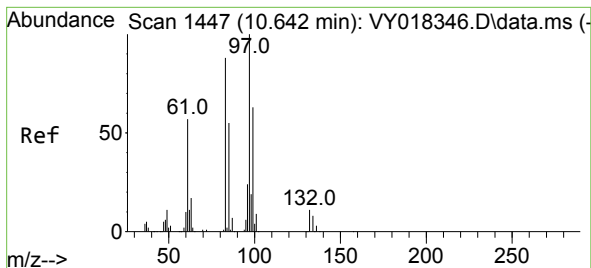
Tgt Ion: 75 Resp: 88773
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.975 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 75 Resp: 104617
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 43.7 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 54.188 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 52146

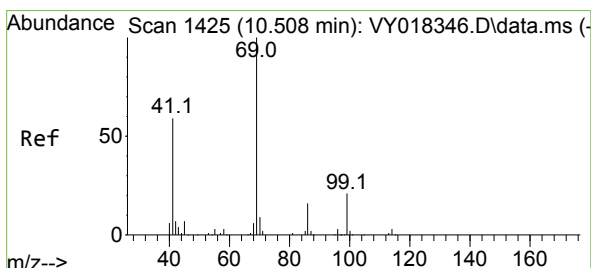
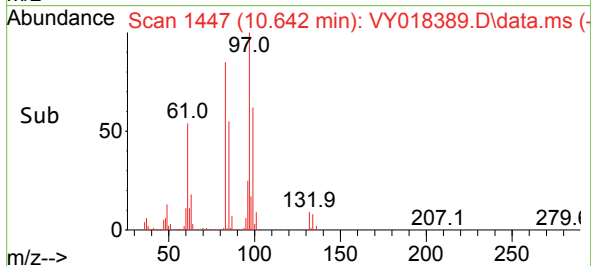
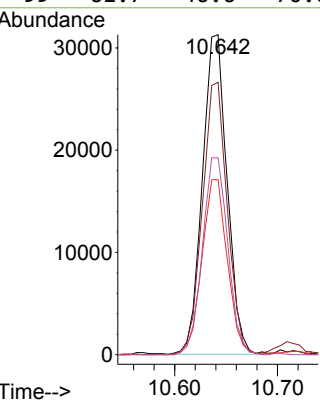
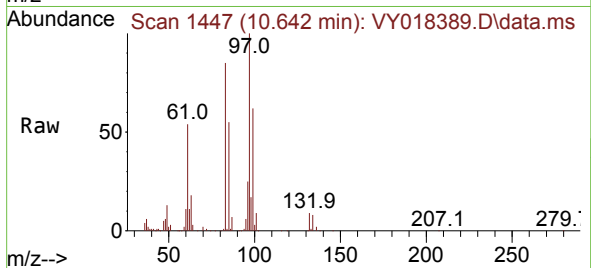
Ion Ratio Lower Upper

97 100

83 85.3 67.5 101.3

85 54.8 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 57.814 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

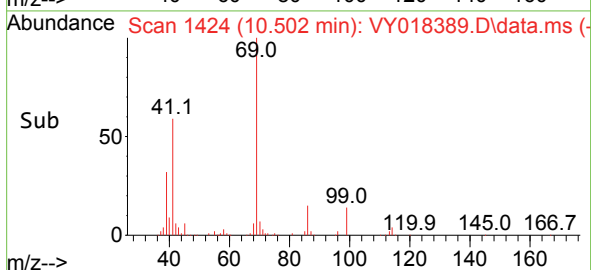
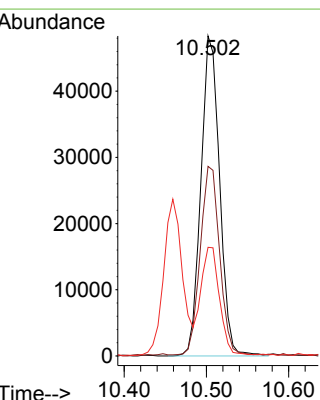
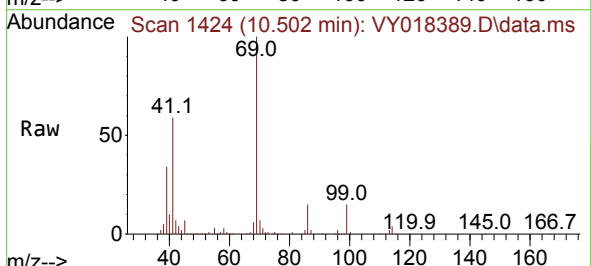
Tgt Ion: 69 Resp: 76313

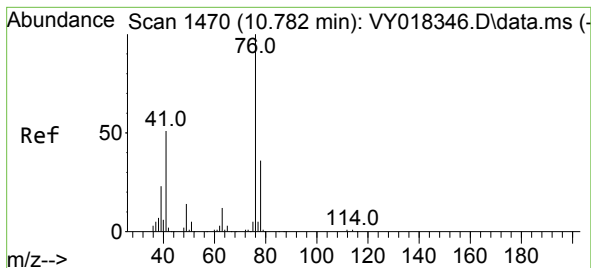
Ion Ratio Lower Upper

69 100

41 61.0 42.3 63.5

39 33.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 55.264 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

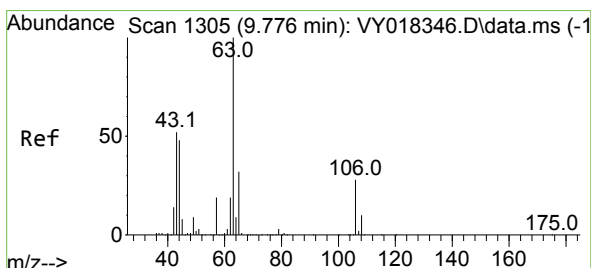
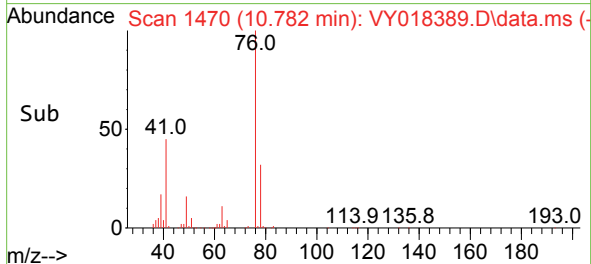
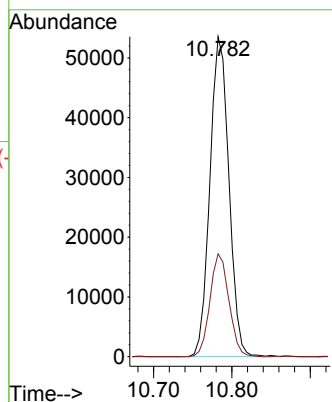
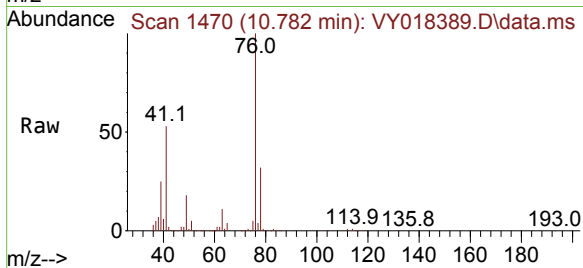
ClientSampleId :

Tgt Ion: 76 Resp: 90138

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 298.123 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018389.D

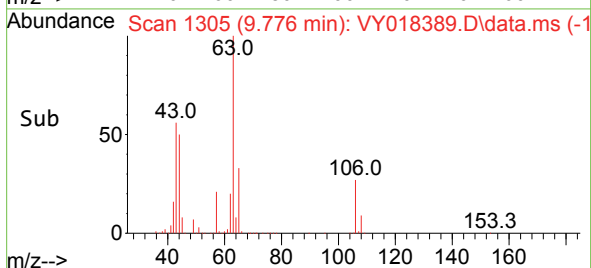
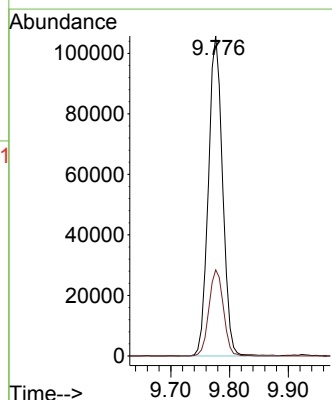
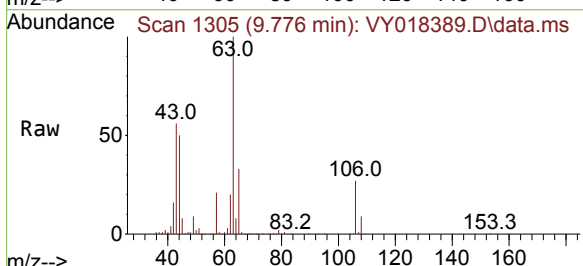
Acq: 28 May 2024 18:50

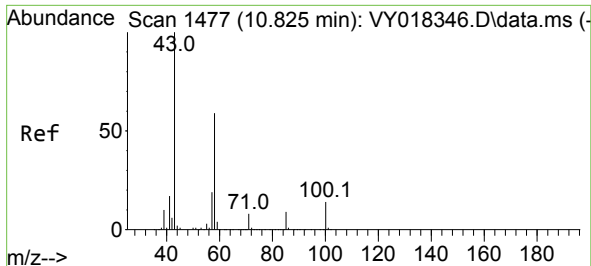
Tgt Ion: 63 Resp: 177811

Ion Ratio Lower Upper

63 100

106 27.3 23.7 35.5

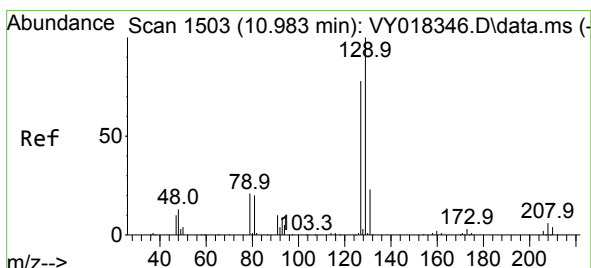
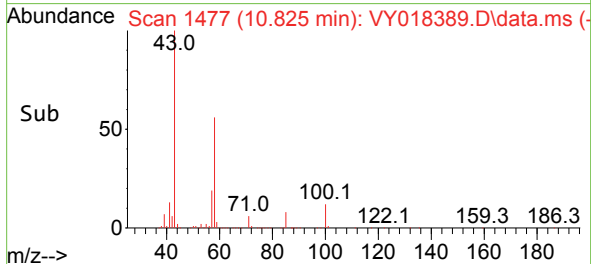
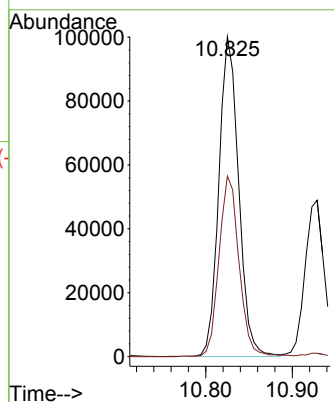
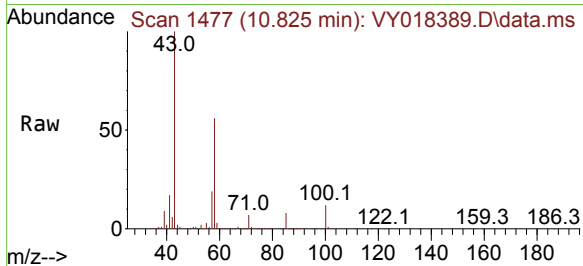




#59
2-Hexanone
Concen: 270.965 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

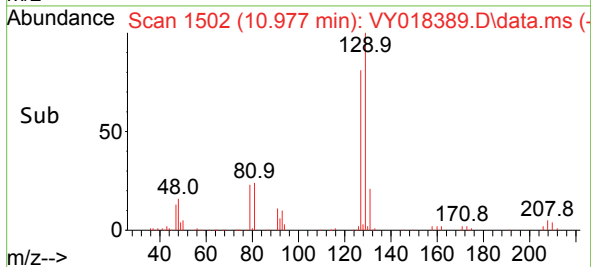
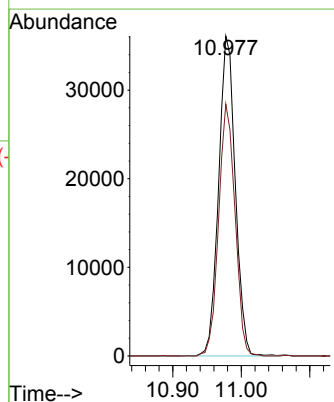
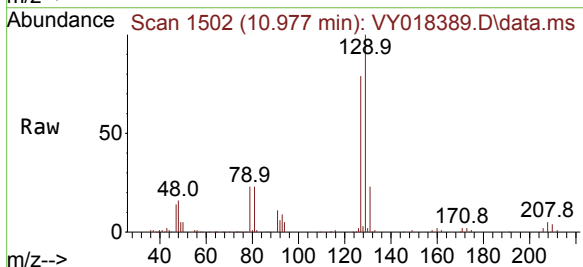
Instrument :
MSVOA_Y
ClientSampleId :

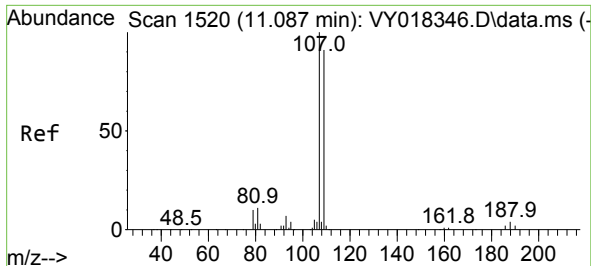
Tgt Ion: 43 Resp: 158572
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 52.407 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 129 Resp: 60915
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

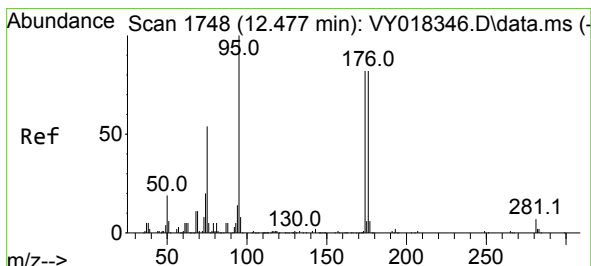
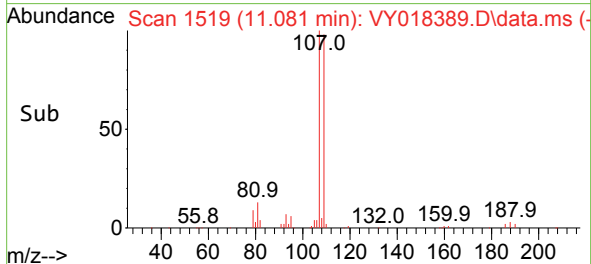
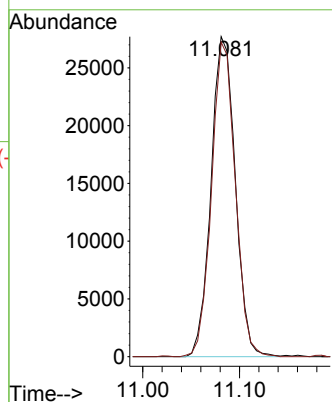
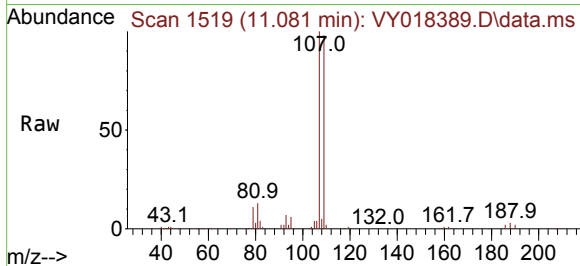




#61
1,2-Dibromoethane
Concen: 54.320 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

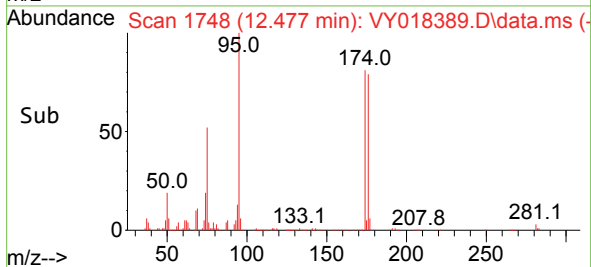
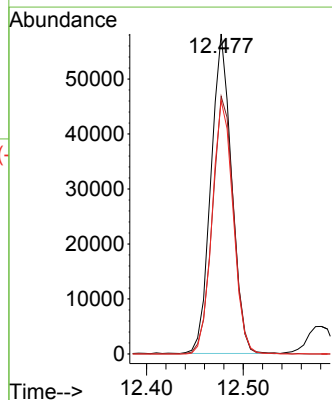
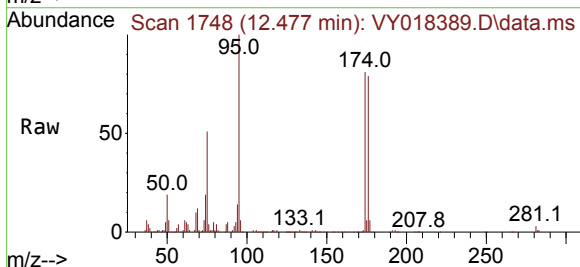
Instrument :
MSVOA_Y
ClientSampleId :

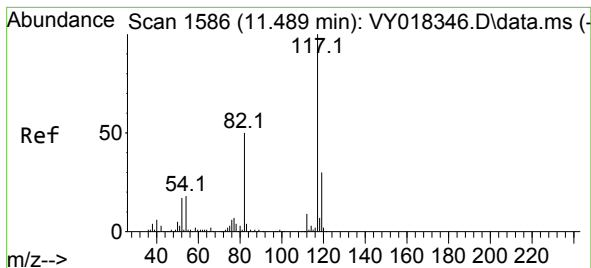
Tgt Ion:107 Resp: 48233
Ion Ratio Lower Upper
107 100
109 96.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.557 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 95 Resp: 86324
Ion Ratio Lower Upper
95 100
174 82.9 0.0 175.6
176 80.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

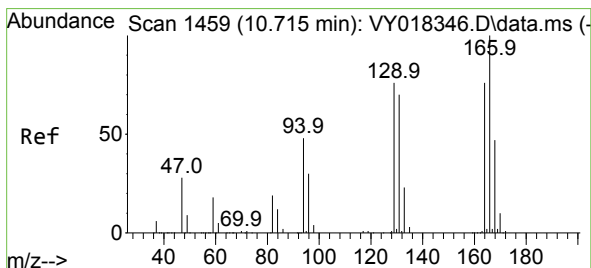
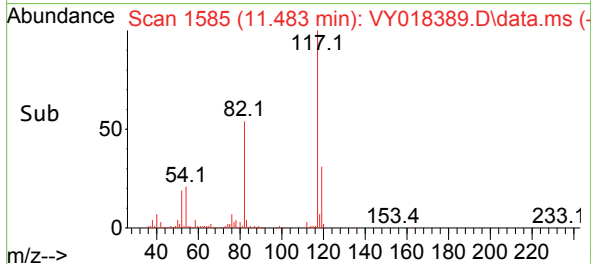
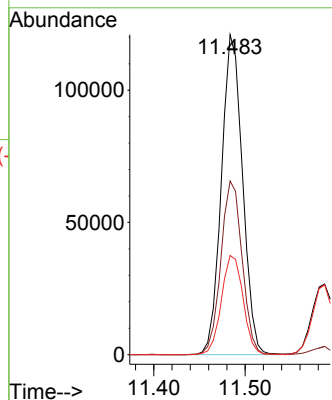
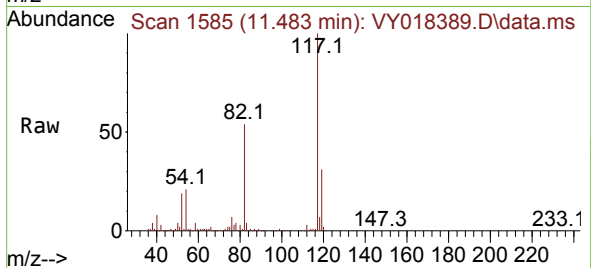
Tgt Ion:117 Resp: 194738

Ion Ratio Lower Upper

117 100

82 54.2 42.4 63.6

119 31.0 25.9 38.9



#64

Tetrachloroethene

Concen: 45.101 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Tgt Ion:164 Resp: 62304

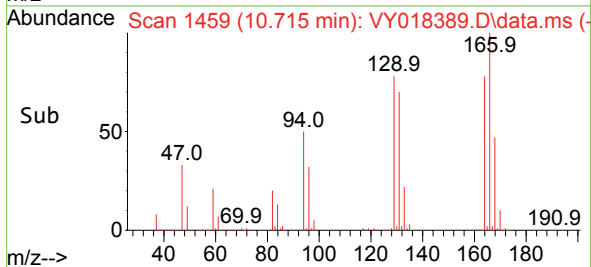
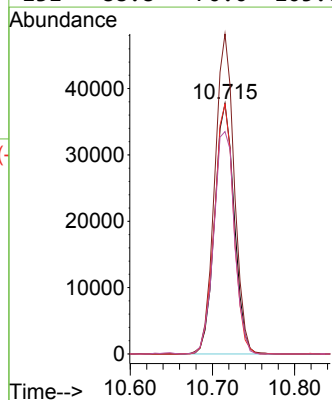
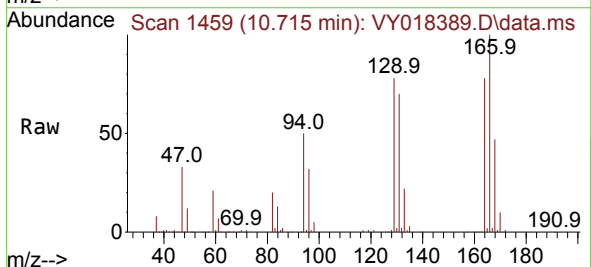
Ion Ratio Lower Upper

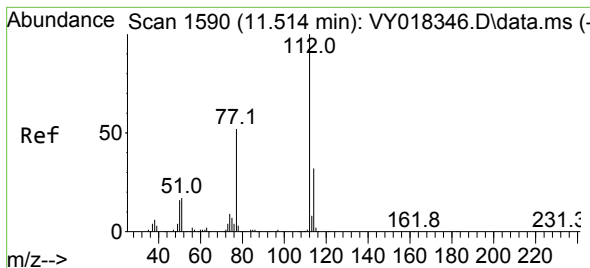
164 100

166 127.8 102.6 154.0

129 99.8 72.0 108.0

131 88.8 70.0 105.0





#65

Chlorobenzene

Concen: 48.323 ug/l

RT: 11.508 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

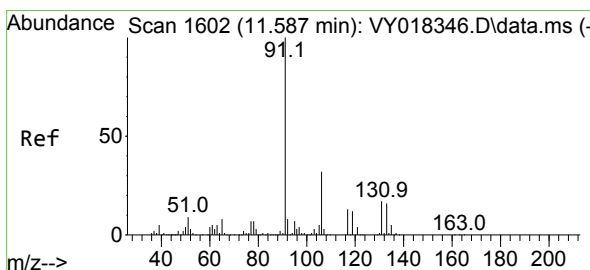
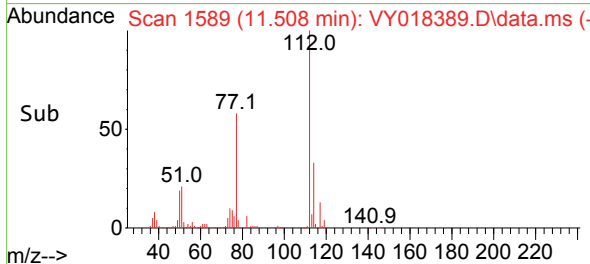
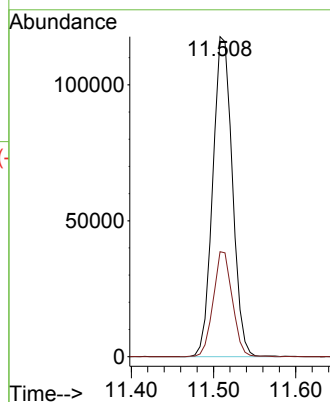
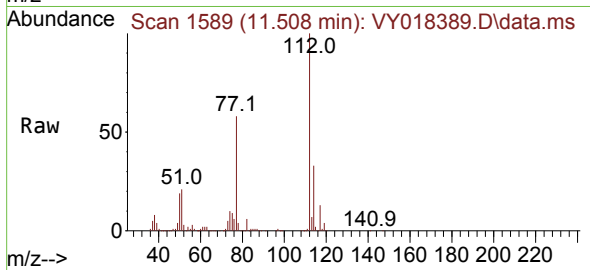
ClientSampleId :

Tgt Ion:112 Resp: 194391

Ion Ratio Lower Upper

112 100

114 32.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.459 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

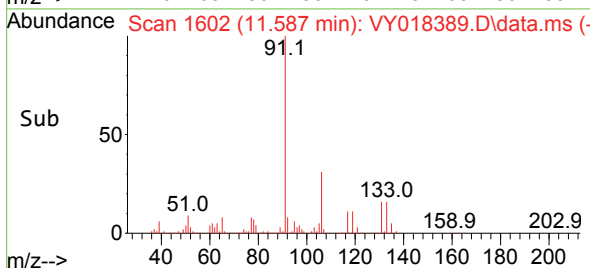
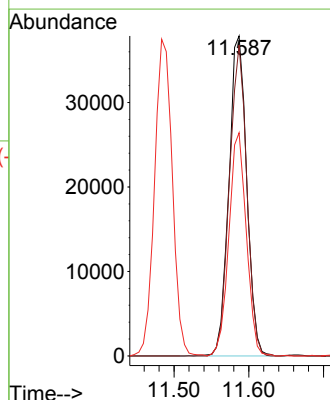
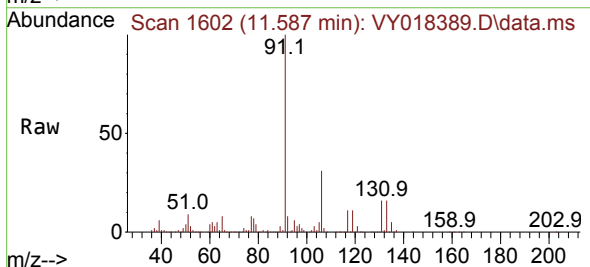
Tgt Ion:131 Resp: 62943

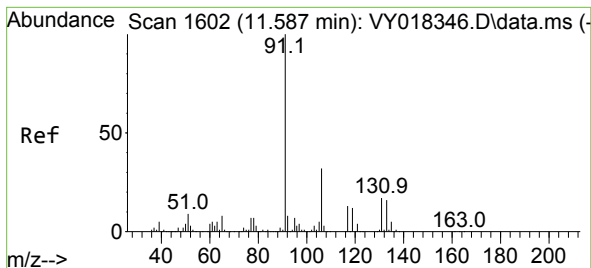
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 68.4 34.1 102.2





#67

Ethyl Benzene

Concen: 50.571 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

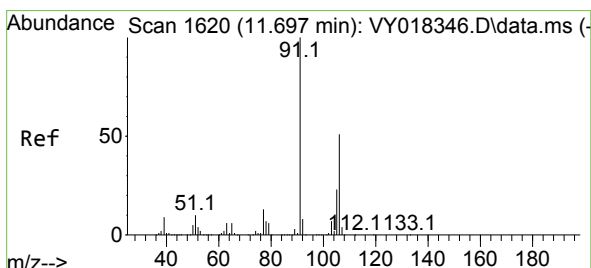
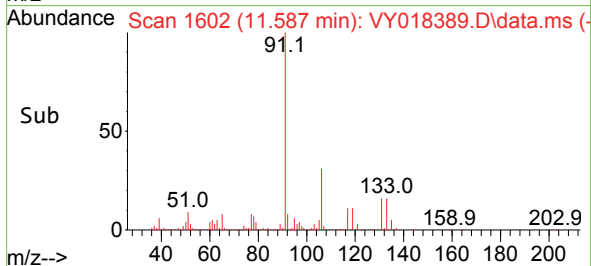
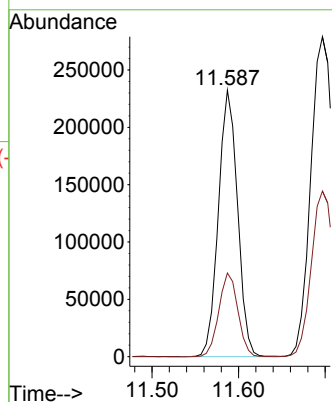
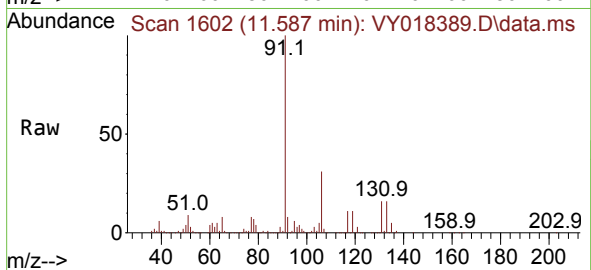
ClientSampleId :

Tgt Ion: 91 Resp: 357267

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 98.486 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018389.D

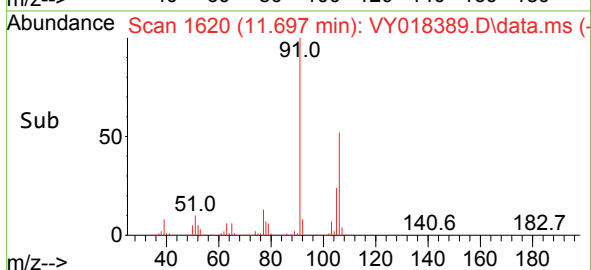
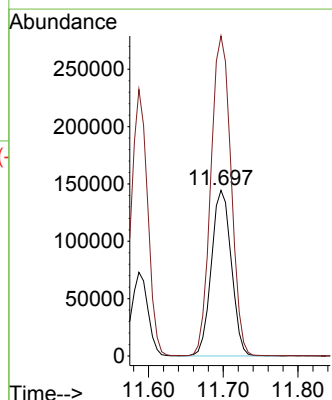
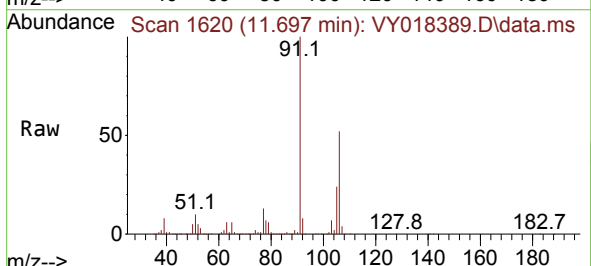
Acq: 28 May 2024 18:50

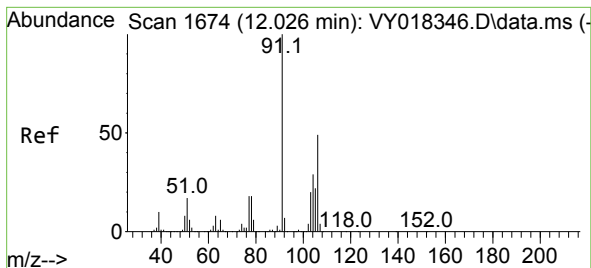
Tgt Ion: 106 Resp: 267708

Ion Ratio Lower Upper

106 100

91 195.3 156.0 234.0





#69

o-Xylene

Concen: 49.276 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

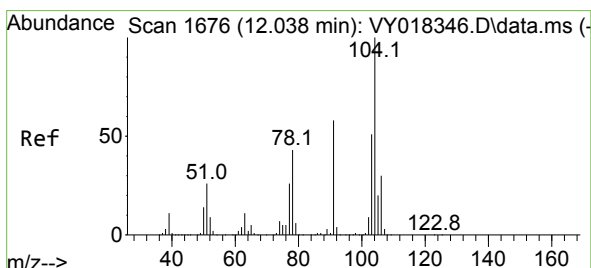
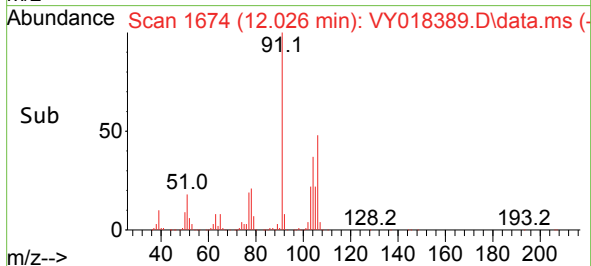
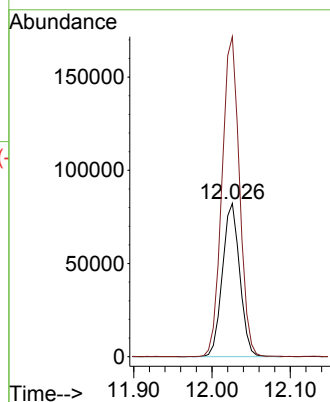
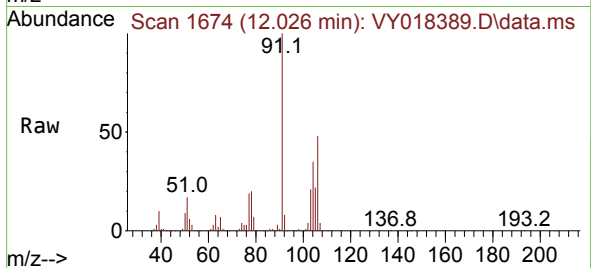
ClientSampleId :

Tgt Ion:106 Resp: 126405

Ion Ratio Lower Upper

106 100

91 211.3 103.6 310.8



#70

Styrene

Concen: 50.448 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

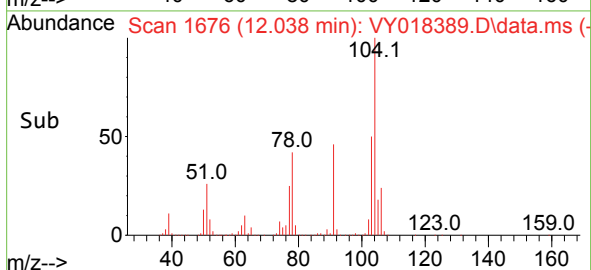
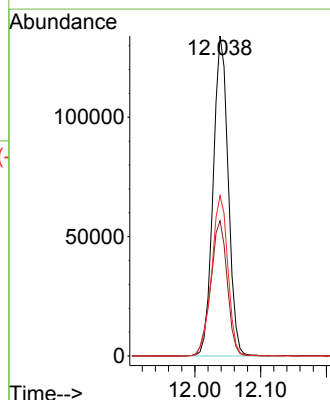
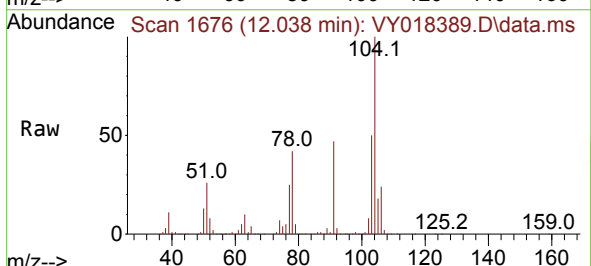
Tgt Ion:104 Resp: 213922

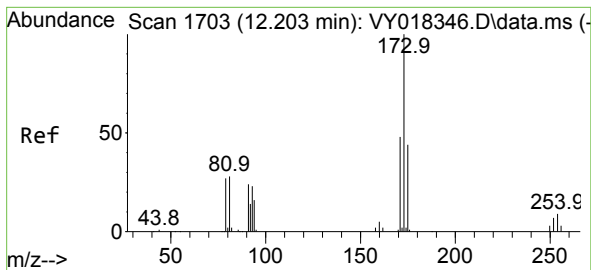
Ion Ratio Lower Upper

104 100

78 46.4 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 49.289 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

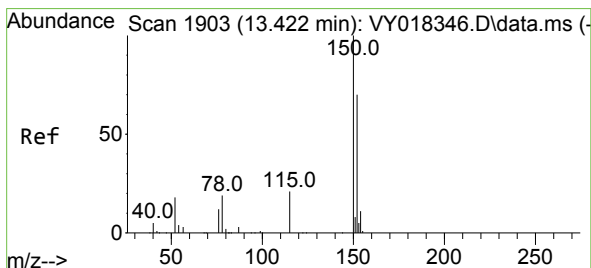
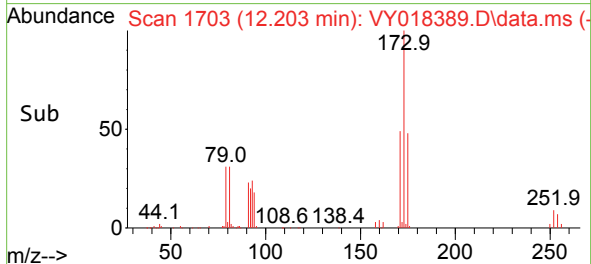
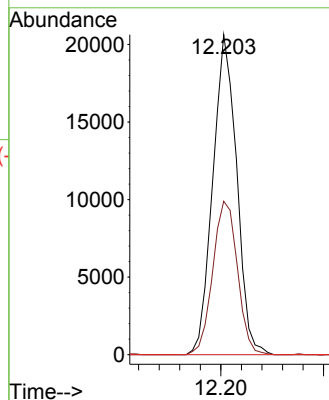
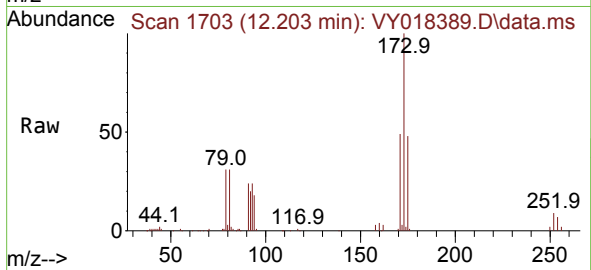
Tgt Ion:173 Resp: 33178

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

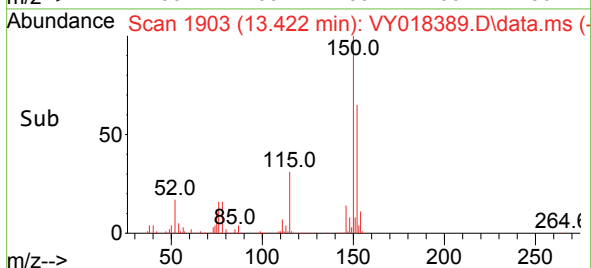
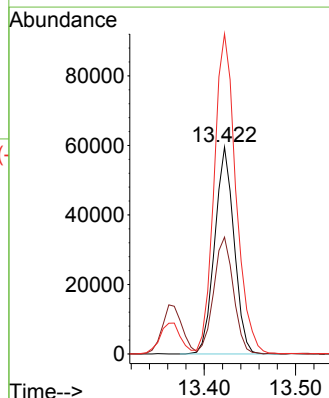
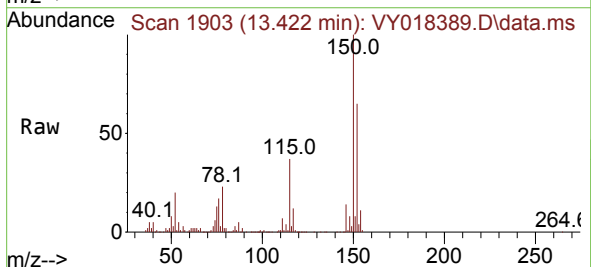
Tgt Ion:152 Resp: 87635

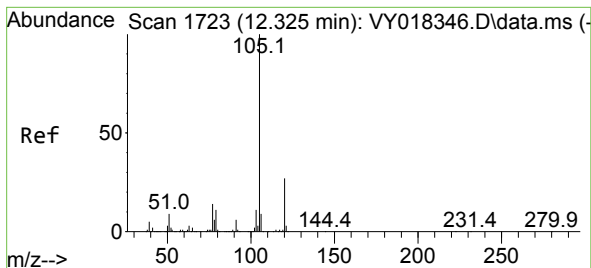
Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 174.4 0.0 345.6





#73

Isopropylbenzene

Concen: 47.483 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

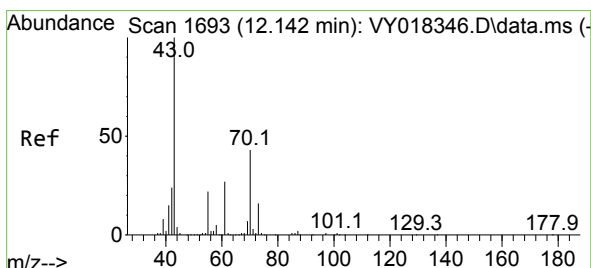
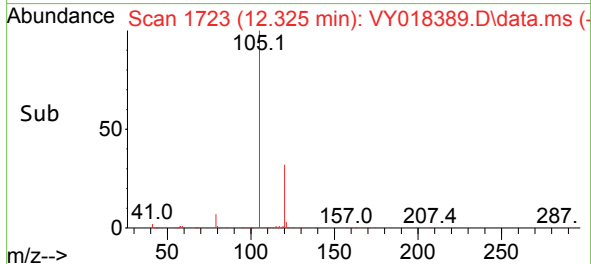
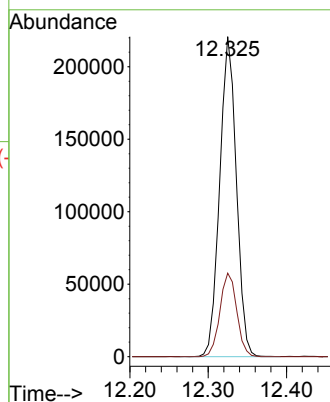
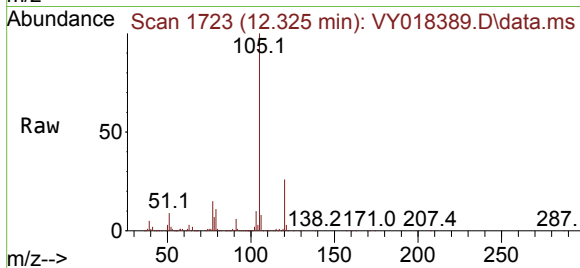
ClientSampleId :

Tgt Ion:105 Resp: 327057

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 46.794 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Tgt Ion: 43 Resp: 75199

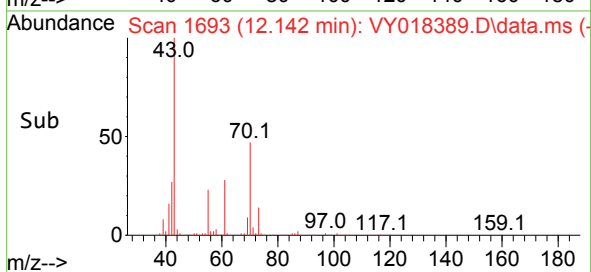
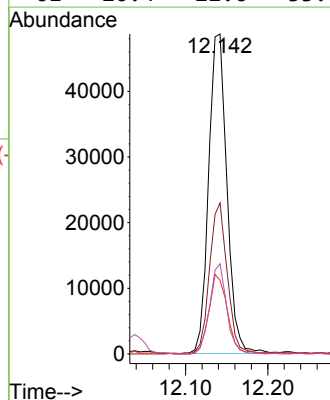
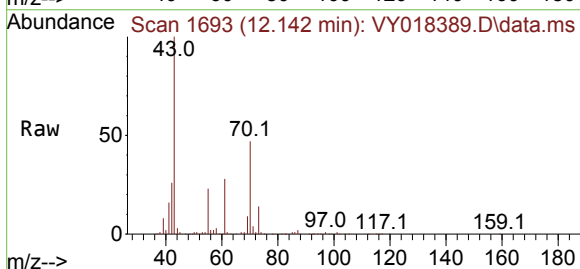
Ion Ratio Lower Upper

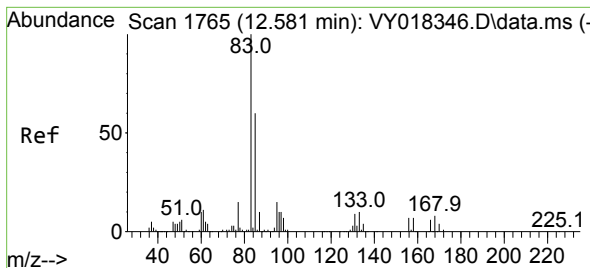
43 100

70 46.1 41.4 62.2

55 25.1 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.871 ug/l

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

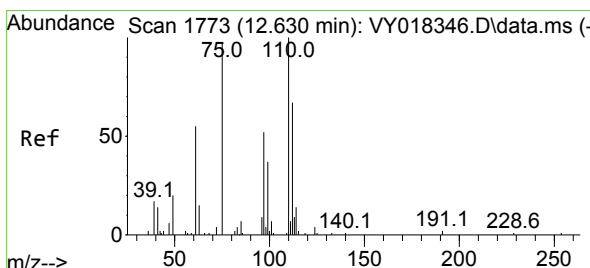
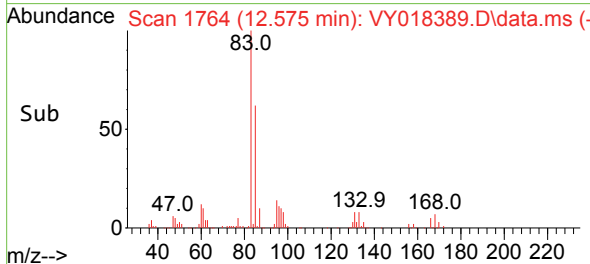
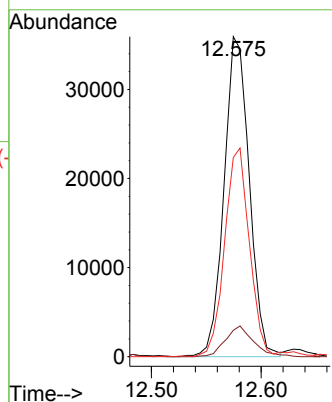
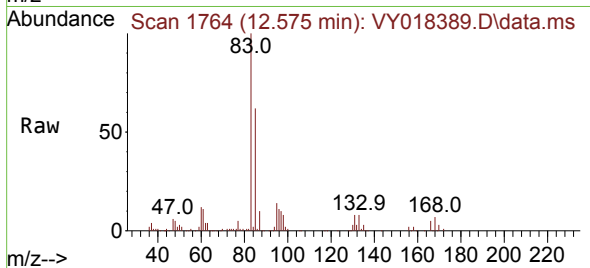
Tgt Ion: 83 Resp: 57358

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 89.077 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018389.D

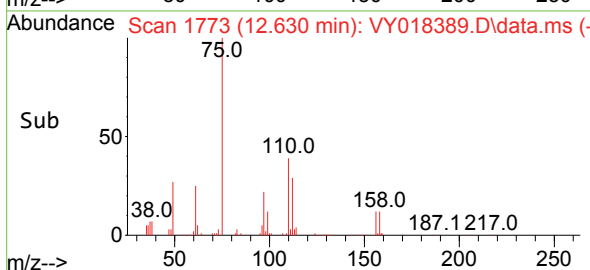
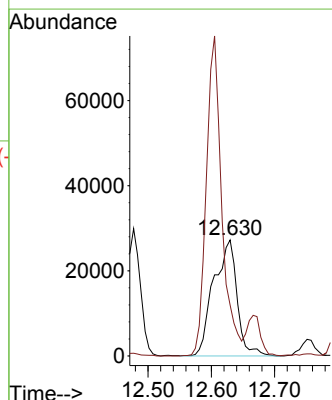
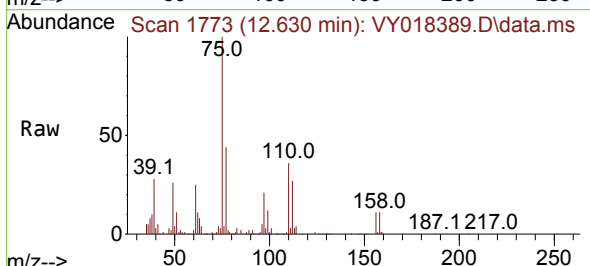
Acq: 28 May 2024 18:50

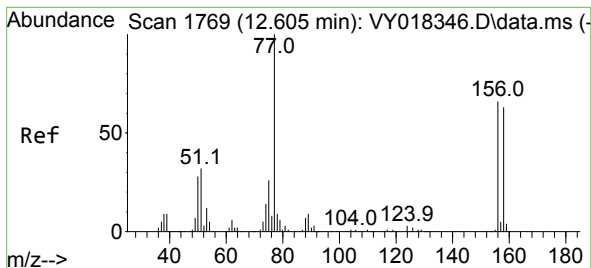
Tgt Ion: 75 Resp: 70161

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.774 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

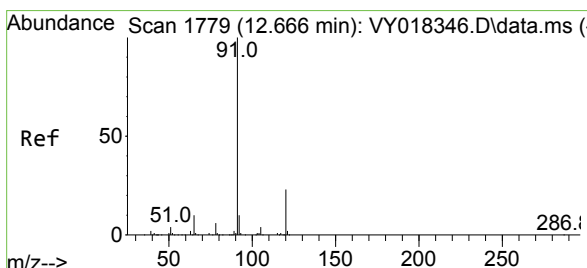
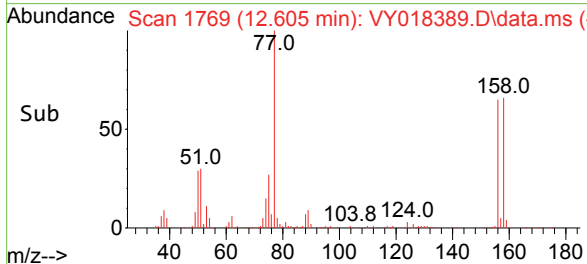
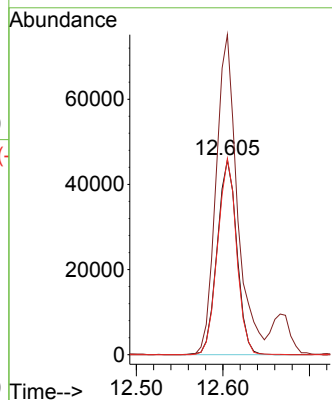
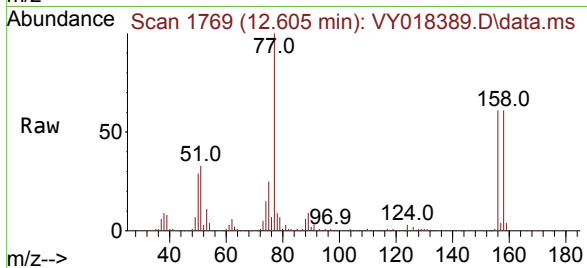
Tgt Ion:156 Resp: 72072

Ion Ratio Lower Upper

156 100

77 178.3 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 45.997 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018389.D

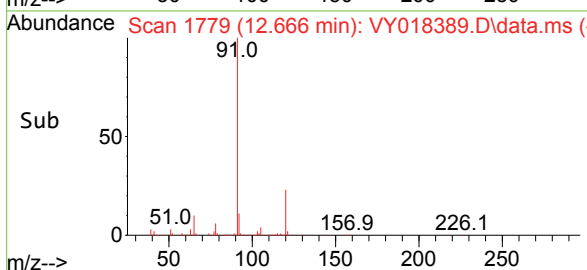
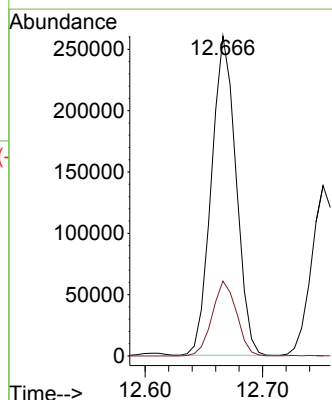
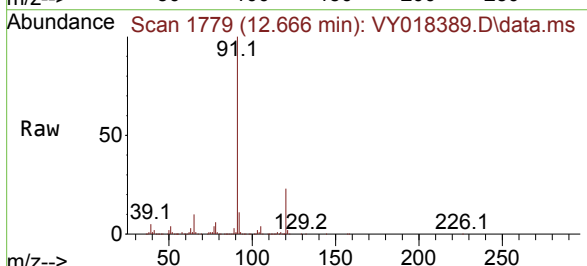
Acq: 28 May 2024 18:50

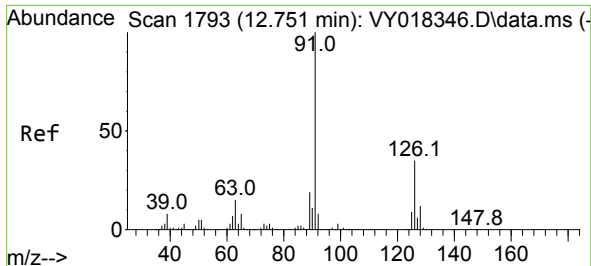
Tgt Ion: 91 Resp: 379351

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.891 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

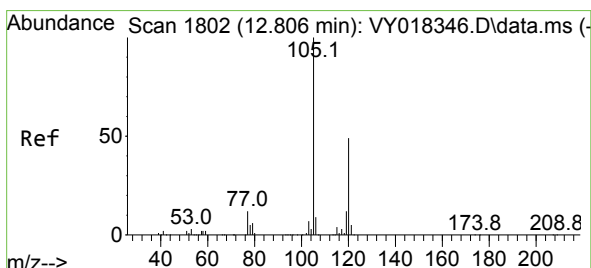
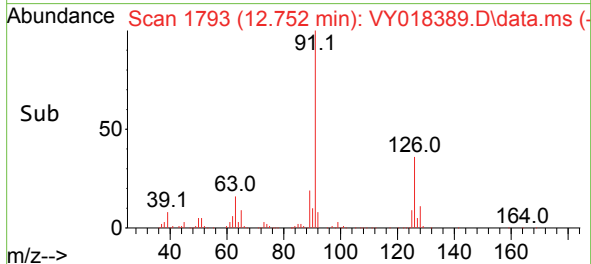
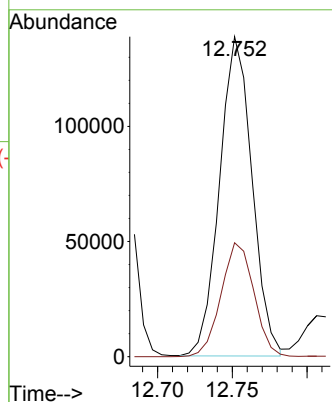
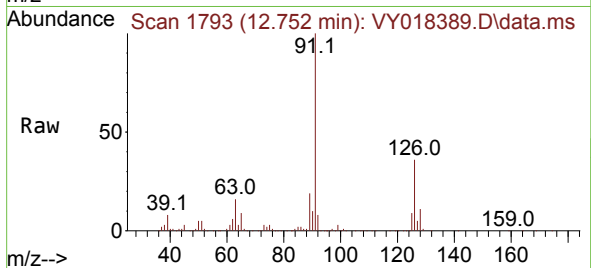
ClientSampleId :

Tgt Ion: 91 Resp: 209373

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 47.024 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018389.D

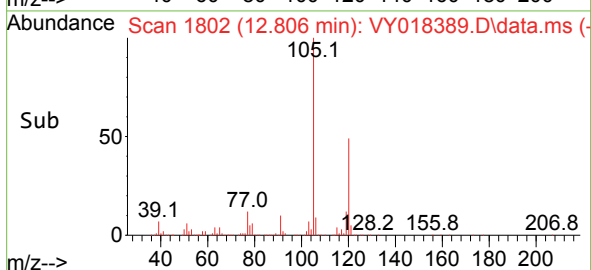
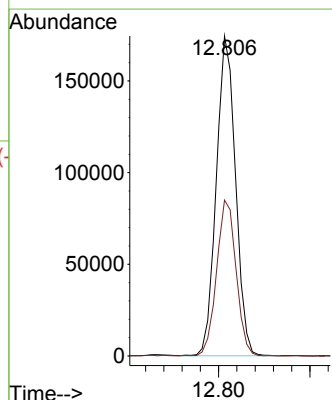
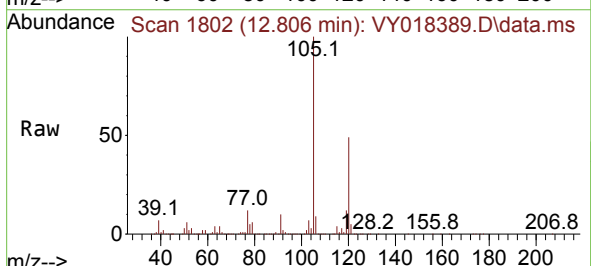
Acq: 28 May 2024 18:50

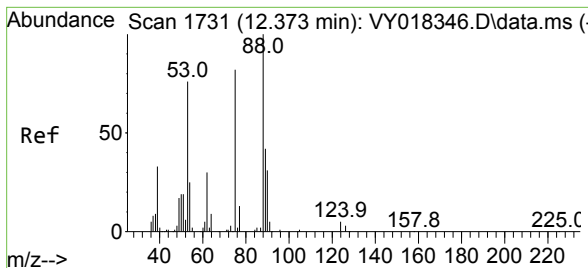
Tgt Ion:105 Resp: 254528

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.2

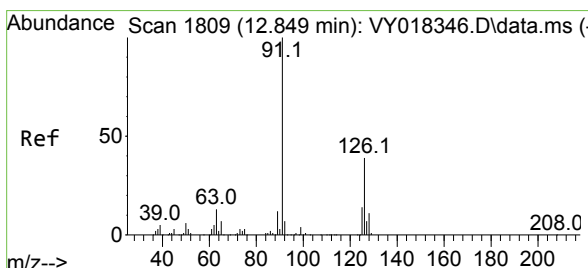
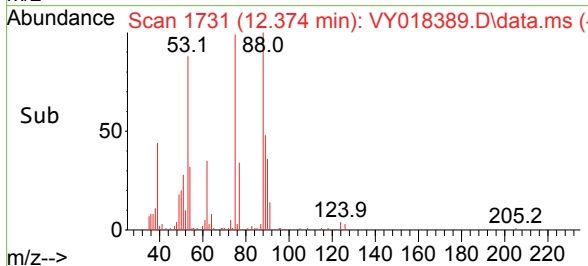
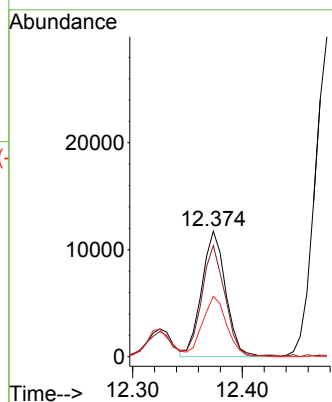
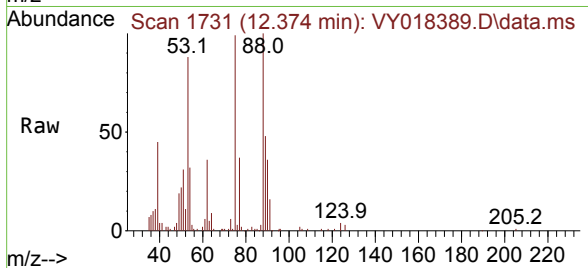




#81
trans-1,4-Dichloro-2-butene
Concen: 46.720 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

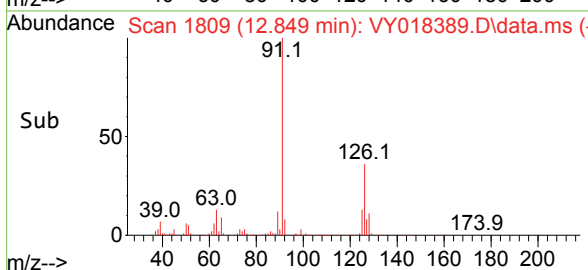
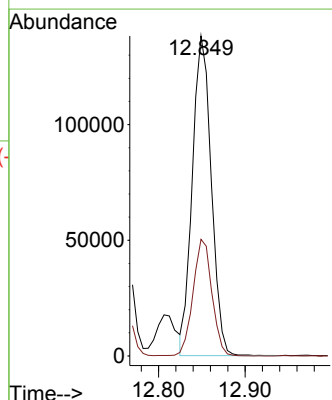
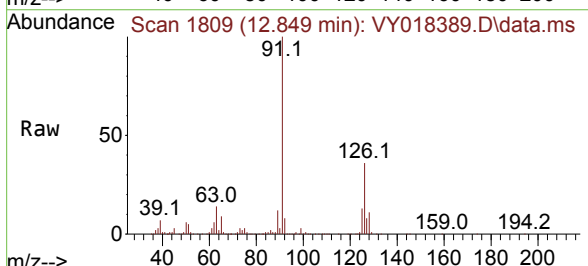
Instrument :
MSVOA_Y
ClientSampleId :

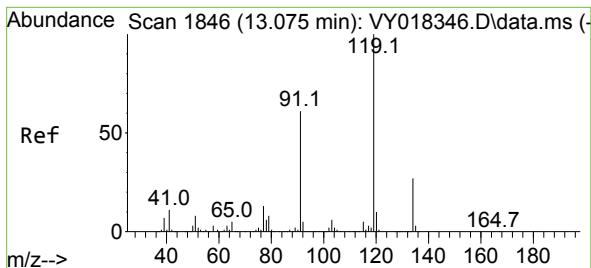
Tgt Ion: 75 Resp: 17885
Ion Ratio Lower Upper
75 100
53 82.6 66.8 100.2
89 48.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 46.264 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion: 91 Resp: 209445
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 45.602 ug/l

RT: 13.069 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

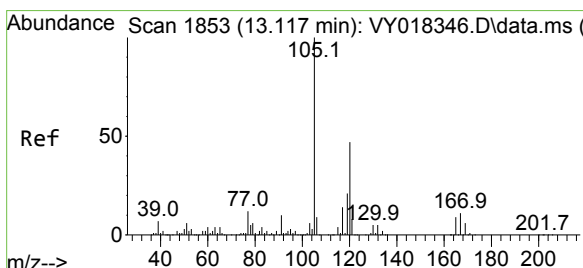
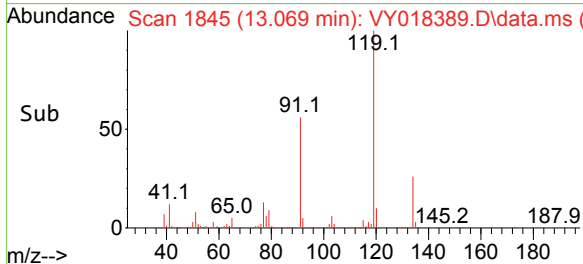
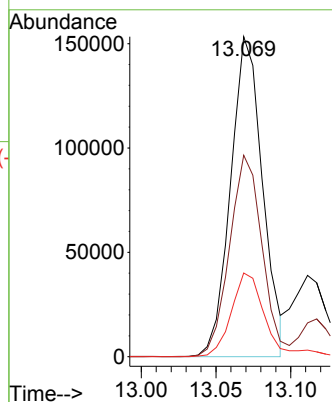
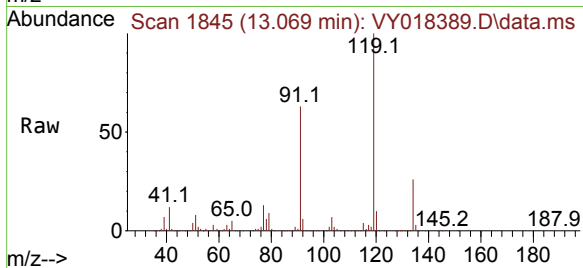
Tgt Ion:119 Resp: 228162

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 47.313 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018389.D

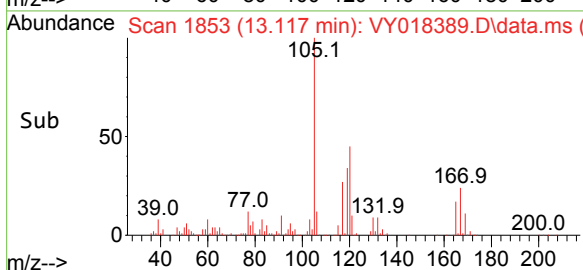
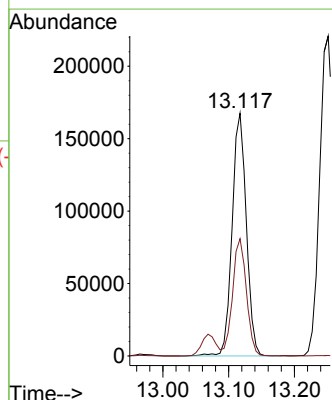
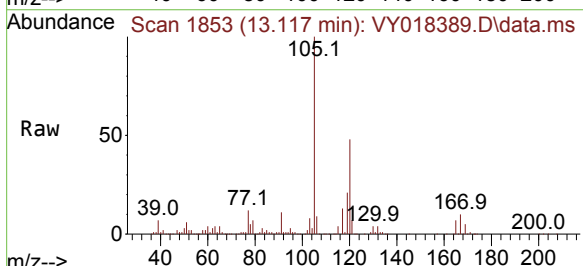
Acq: 28 May 2024 18:50

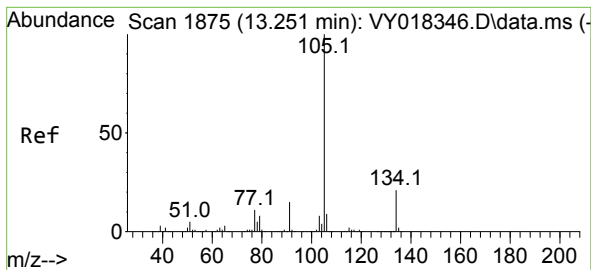
Tgt Ion:105 Resp: 251859

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6

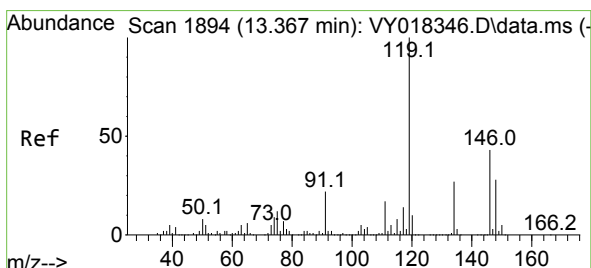
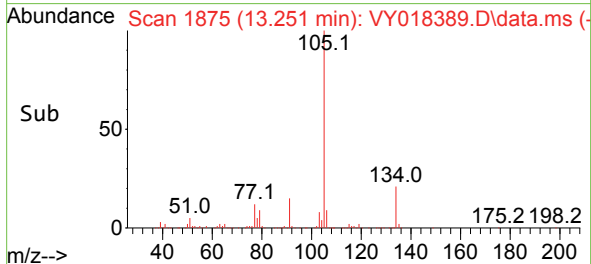
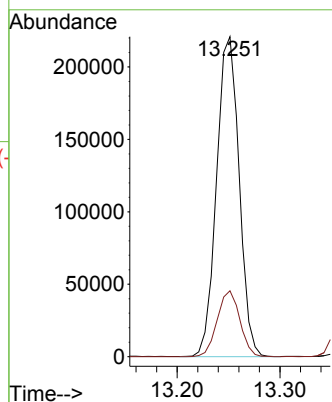
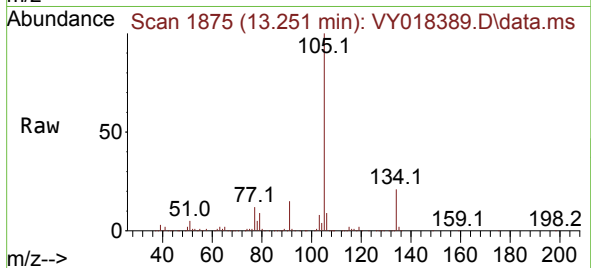




#85
sec-Butylbenzene
Concen: 45.467 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

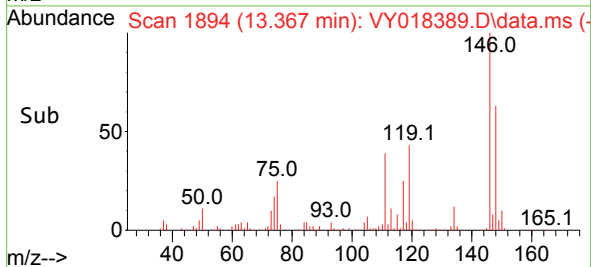
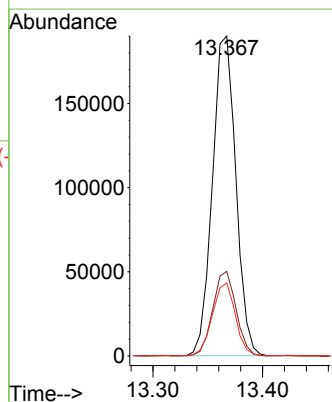
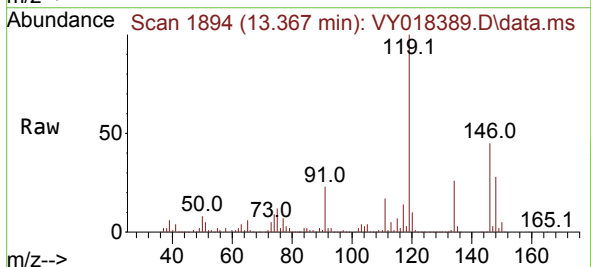
Instrument :
MSVOA_Y
ClientSampleId :

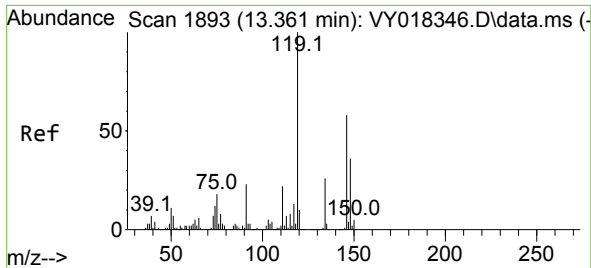
Tgt Ion:105 Resp: 336438
Ion Ratio Lower Upper
105 100
134 20.6 10.1 30.1



#86
p-Isopropyltoluene
Concen: 46.681 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion:119 Resp: 282545
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.3
91 22.3 10.7 32.1

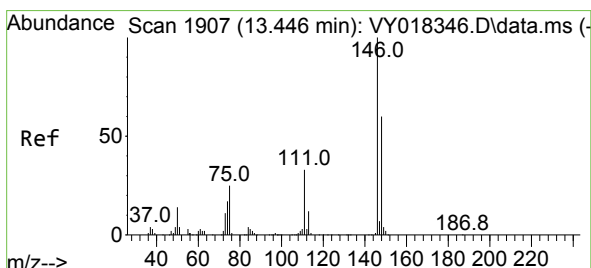
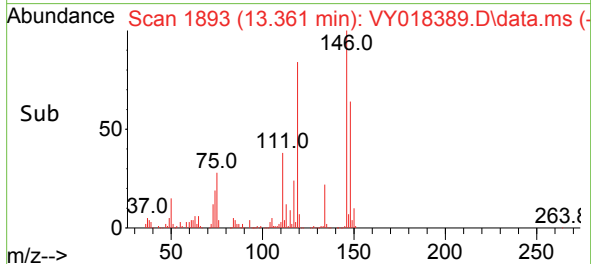
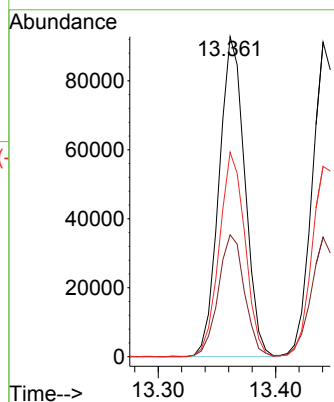
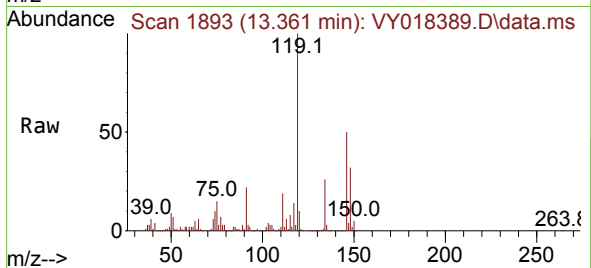




#87
1,3-Dichlorobenzene
Concen: 47.739 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

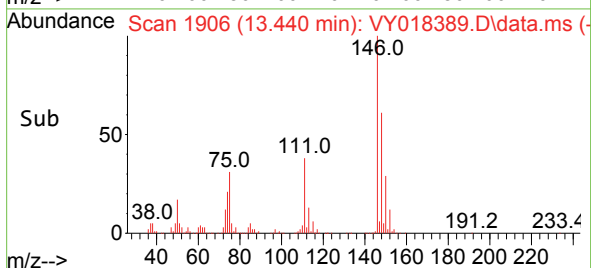
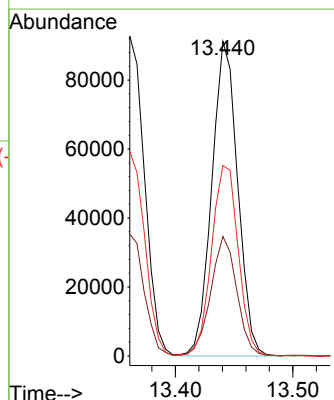
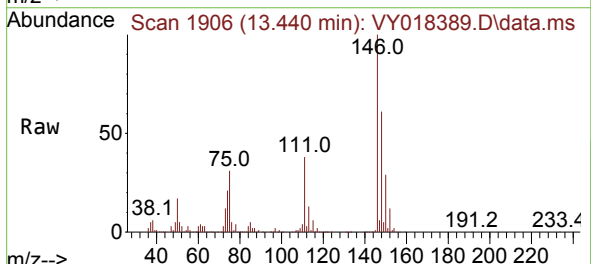
Instrument :
MSVOA_Y
ClientSampleId :

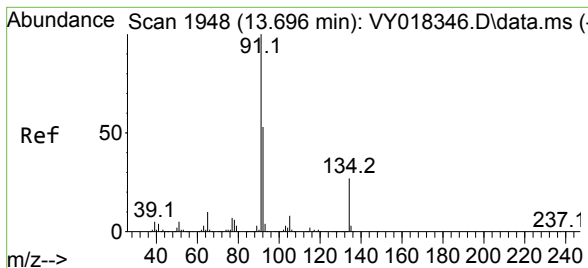
Tgt Ion:146 Resp: 141817
Ion Ratio Lower Upper
146 100
111 38.7 19.0 57.0
148 63.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 47.190 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY018389.D
Acq: 28 May 2024 18:50

Tgt Ion:146 Resp: 139527
Ion Ratio Lower Upper
146 100
111 38.5 18.4 55.4
148 62.7 32.4 97.2





#89

n-Butylbenzene

Concen: 45.556 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

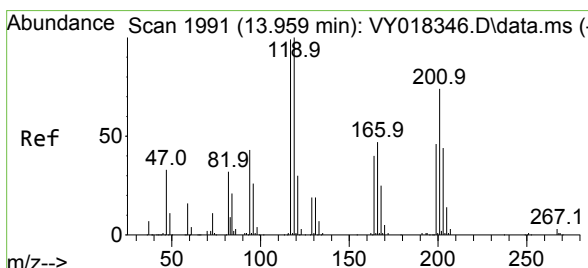
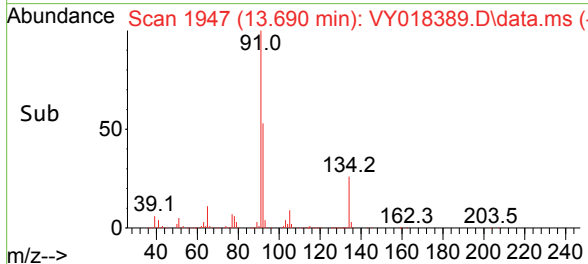
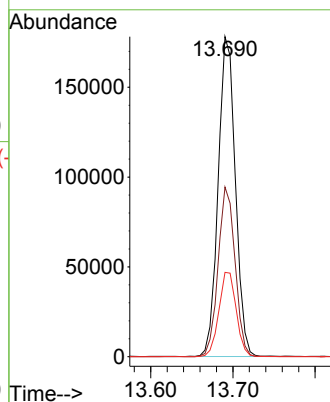
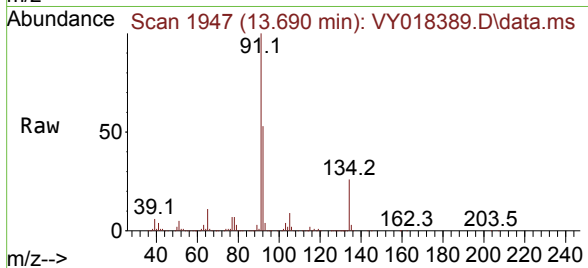
Tgt Ion: 91 Resp: 259117

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 46.682 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018389.D

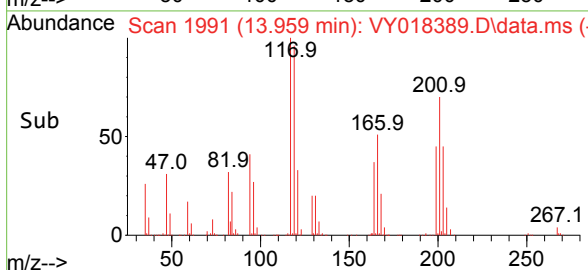
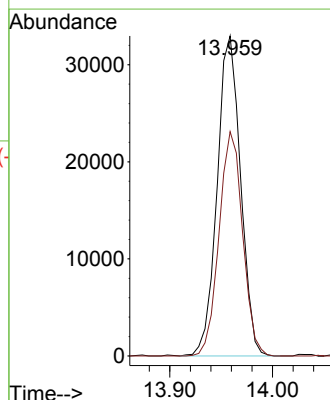
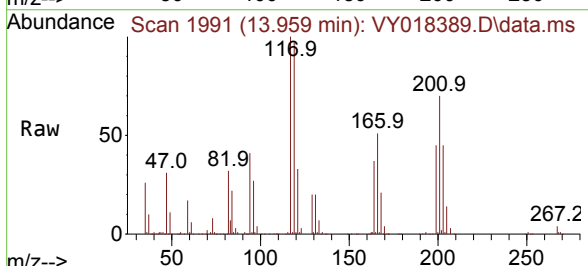
Acq: 28 May 2024 18:50

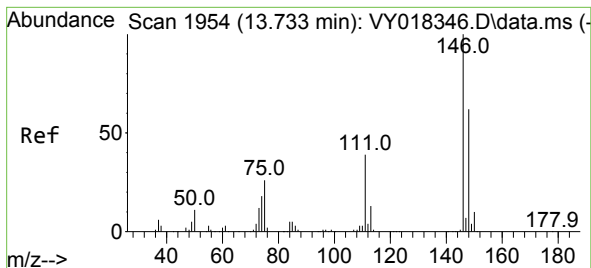
Tgt Ion: 117 Resp: 52177

Ion Ratio Lower Upper

117 100

201 70.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.726 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

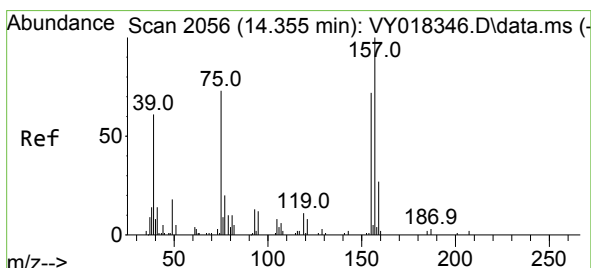
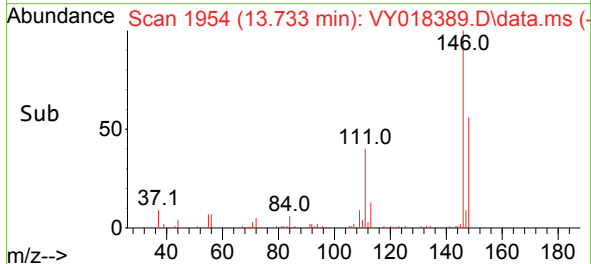
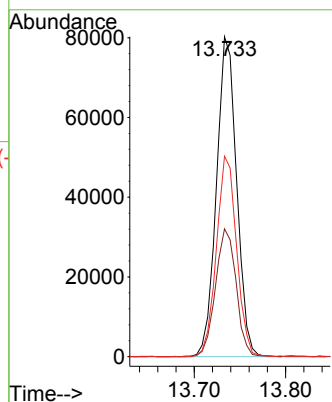
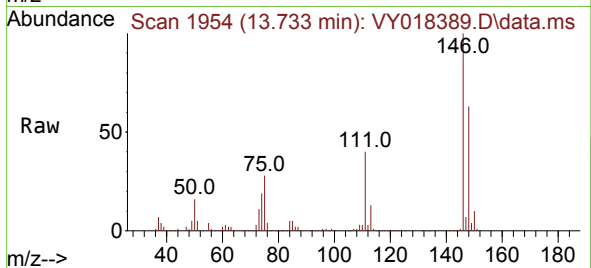
Tgt Ion:146 Resp: 123023

Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.572 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

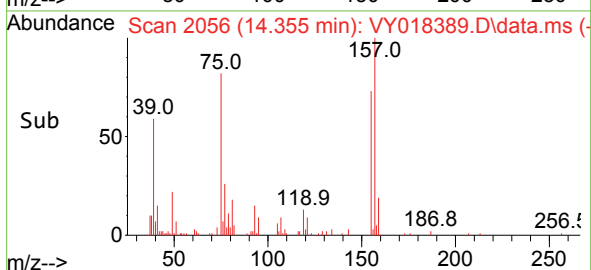
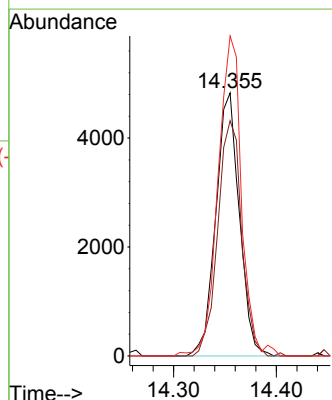
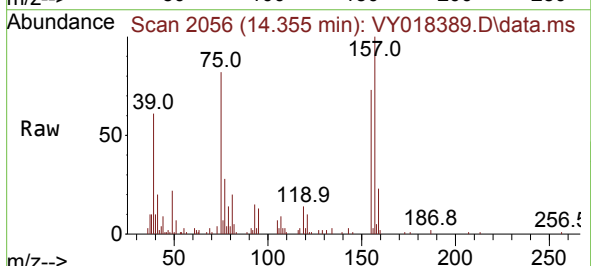
Tgt Ion: 75 Resp: 7658

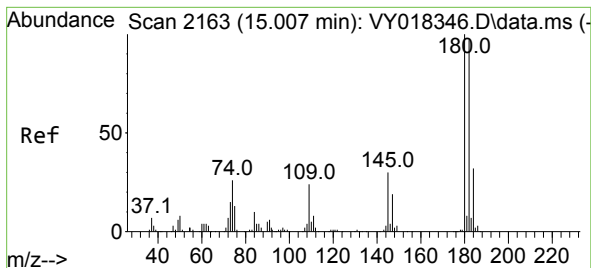
Ion Ratio Lower Upper

75 100

155 90.7 48.6 145.8

157 121.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.652 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

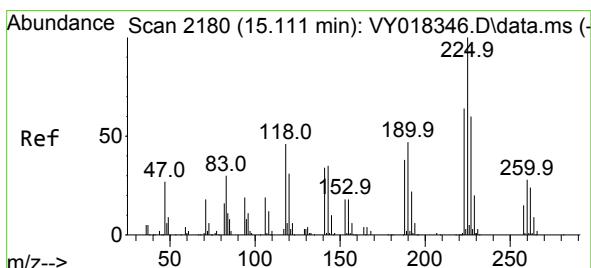
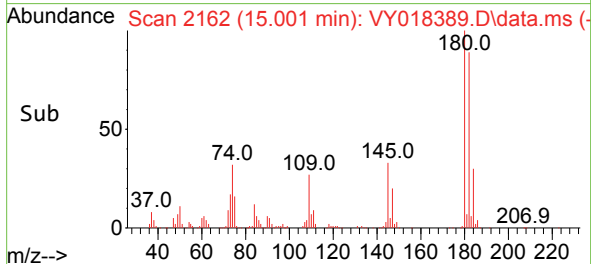
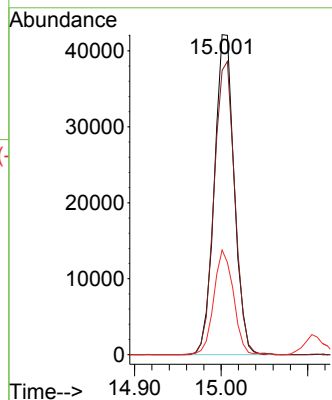
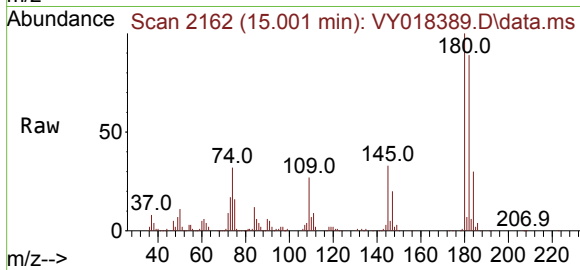
Tgt Ion:180 Resp: 67029

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.742 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

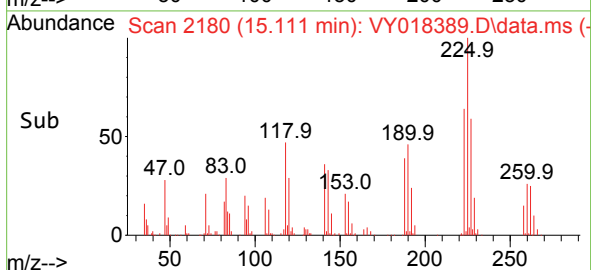
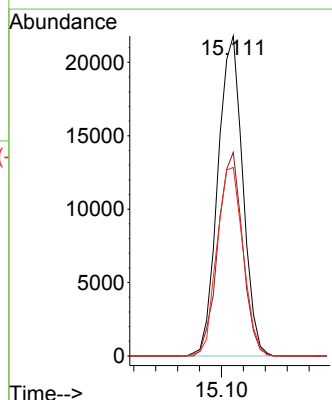
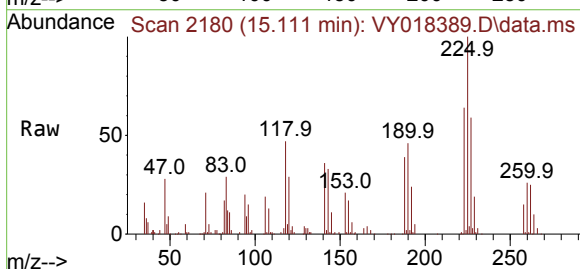
Tgt Ion:225 Resp: 34370

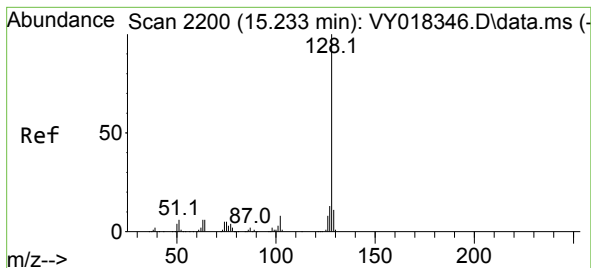
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 62.2 31.9 95.9





#95

Naphthalene

Concen: 47.766 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Instrument :

MSVOA_Y

ClientSampleId :

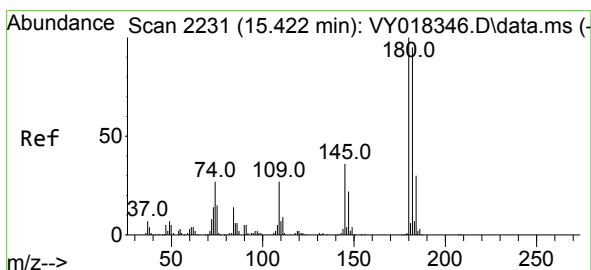
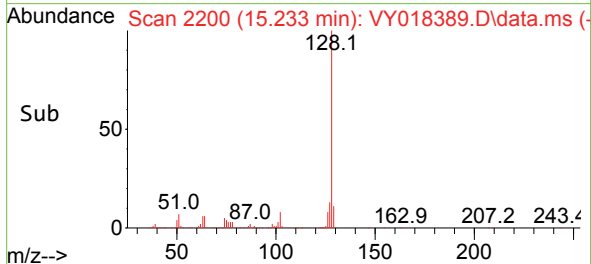
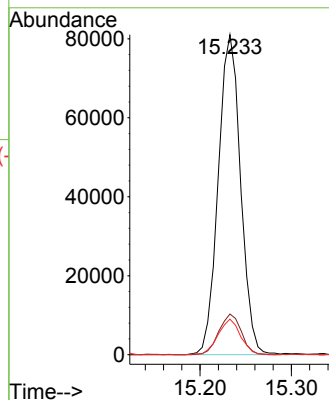
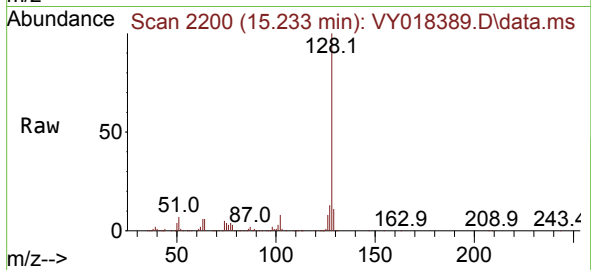
Tgt Ion:128 Resp: 137912

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.436 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018389.D

Acq: 28 May 2024 18:50

Tgt Ion:180 Resp: 55470

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.9

145 34.0 15.4 46.1

